



ICSP Section 508 System Catalog Meeting

Wednesday,
February 29, 2012



An Official Website of The United States Government Wednesday, February 22, 2012

Section508.gov

Resources for understanding and implementing Section 508
Opening Doors to IT

How do I get my 508 questions answered? [Home](#) [About Us](#) [Feedback](#) [Contact](#) [Site Map](#) [Help](#)

You are here: Section 508 Home

- Laws
- Policies
- Regulations
- Section508 Standards
- Standards & Harmonization
- Tools and Resources
- 508 Coordinators
- 508 Roles - If You Are A...
- 508 Practices
- BuyAccessible
- 508 Universe Training

If you are a [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#)

A photograph of three business professionals (two men and one woman) in a meeting, looking at a laptop screen. The woman is pointing at the screen.

Section 508 System Catalog Form



In September 2011, Abt Associates sent out a Section 508 System Catalog form to the 14 principal statistical agencies in the Interagency Council on Statistical Policy (ICSP):

Bureau of Economic Analysis
(U.S. Department of Commerce)

Bureau of Justice Statistics
(U.S. Department of Justice)

Bureau of Labor Statistics
(U.S. Department of Labor)

Bureau of Transportation Statistics
(U.S. Department of Transportation)

U.S. Census Bureau
(U.S. Department of Commerce)

Economic Research Service
(U.S. Department of Agriculture)

Energy Information Administration
(U.S. Department of Energy)

National Agricultural Statistics Service
(U.S. Department of Agriculture)

National Center for Education Statistics
(U.S. Department of Education)

National Center for Health Statistics
(U.S. Department of Health and Human Services)

Office of Environmental Information
(U.S. Environmental Protection Agency)

Office of Research, Evaluation, and Statistics
(U.S. Social Security Administration)

Science Resources Statistics Division
(National Science Foundation)

Statistics of Income Division
(U.S. Treasury Department)

Section 508 System Catalog Form



The form asked questions about Section 508...

- Policy
- Guidance and checklists
- Training
- Software
- Data table compliance
- Compliance challenges

Abt Associates received eight forms back with replies to our questions.

Section 508 System Catalog Agenda



1. Guidance & Checklists
2. Compliance Software
3. Training
4. Production Software & Data Tables
5. Special presentation by the U.S. Census Bureau American FactFinder Development Team



Section 508 Guidance & Checklists



In the Section 508 System Catalog form that ICSP member agencies returned to Abt Associates, many of the agencies reported that they have guidance for:

- HTML
- PDFs
- Data Tables
- Maps
- Charts/Graphs
- Forms, etc.

Section 508 Guidance & Checklists



The ICSP agencies had previously requested “best of” accessibility checklists for various types of content, so Abt Associates sent out an email requesting electronic versions of available checklists.

SSA, EPA and DOT responded, but it would be helpful to hear from the remaining agencies that indicated they have Section 508 guidance, so that Abt Associates has a larger pool of sample checklists.

Checklists can be emailed to:

Lisa_Mayo@abtassoc.com

Section 508 Guidance & Checklists



For general agency use, a good source of Section 508 guidance is the “HowTo.gov” website, which offers an overview of the law, as well as information about accessibility for websites, documents, and multimedia.

The screenshot displays the HowTo.gov website interface. At the top, the logo "HowTo.gov" is accompanied by the tagline "Helping agencies deliver a great customer experience" and a search bar. A navigation menu includes links for HOME, WEB CONTENT, SOCIAL MEDIA, CONTACT CENTERS, TECH SOLUTIONS, COMMUNITIES, and CUSTOMER SERVICE. The current page is "Accessibility", located under "Web Content". A left sidebar lists various content categories, with "Accessibility" selected. The main content area features a "What It Is" section defining web accessibility and a "Why It's Important" section. A "TOOLBOX" section offers sharing and download options, and a "RESOURCE" section lists a link to the Federal Web Managers Accessibility Sub-Council. A URL bar at the bottom of the screenshot shows the page address: <http://www.howto.gov/web-content/accessibility>

Section 508 Guidance & Checklists



The “HowTo.gov” website also has guidance and sample checklists from the Social Security Administration, which is one of the agencies that provides some of the best publicly available guidance to Section 508 compliance.

SSA's Section 508 Accessibility Resource Center

The Social Security Administration's (SSA) Section 508 Accessibility Resource Center has prepared several helpful resources. See their "Section 508 Accessibility of Electronic and Information Technology for People with Disabilities"

Guidance for accessible web development and design

- [Guide to Applying Section 508 Standards](#)
(MS Word doc, 4.53 MB, 115 pages, April 2009)
- [SSA Top Ten Web Best Practices](#)
(ZIP, 408 KB, April 2009)
- [SSA User Interface Design Accessibility Checklist](#)
(MS Word doc, 121 KB, 5 pages, April 2009)

Guidance for Accessible PDF and Word Documents

- [Guide to Accessible Word Documents](#)
(MS Word doc, 1.5 MB, 28 pages, April 2009)
- [Advanced Guide for Accessible PDF Documents](#)
(PDF, 7.02 MB, 154 pages, April 2009)

Testing

- [Checklist for Accessible PDF Documents](#)
(MS Word doc, 725 KB, 15 pages, April 2009)
- [Guide to Accessible PDF Documents and Forms](#)
(PDF, 1.82 MB, 46 pages, October 2006)

Section 508 Guidance & Checklists



Another good source of general guidance is the “GSA 508” website, which offers information on the law, accessibility for websites and documents, screen reader tips, and checklists.

The screenshot shows the GSA website interface. At the top left is the GSA logo and "U.S. General Services Administration". A search bar is on the top right. Below the header are four main navigation tabs: "WHAT GSA OFFERS", "DOING BUSINESS WITH GSA", "LEARN MORE", and "BLOG". A breadcrumb trail reads: "Home > About GSA > Organization > Office of the Chief Information Officer > Office of Enterprise Solutions > Accessibility and Section 508 > GSA 508 Tutorials, Guidance, Checklists".

The main content area is titled "GSA 508 Tutorials, Guidance, Checklists". On the left is a sidebar menu with the following items:

- Office of the Chief Information Officer
- Overview
- GSA Email and Collaboration Contract Information
- GSA Technology Operations
- Office of Enterprise Infrastructure
- Office of Enterprise Management
- Office of Enterprise Solutions
- Accessibility and Section 508
 - GSA 508 Agency Roles/Responsibilities
 - GSA 508 Standards
 - GSA 508 Tutorials, Guidance, Checklists
 - GSA 508 Comp
 - GSA 508 Techn

The main content area contains the following sections:

A. Guidance to Creating Accessible Documents

- Adobe Acrobat Pro9
- Google Docs
- Google Presentation
- Google Spreadsheet
- Corel Word Perfect X5
- Corel Quattro Pro X5
- Corel Presentations
- Microsoft Powerpoint 2010
- Microsoft Word 2010
- Microsoft Excel 2010

For guidance on more software applications, as well as different versions of the above programs, [click here](#).

B. Resources for Making Websites 508 Compliant

<http://www.gsa.gov/portal/content/103565>

Section 508 Guidance & Checklists



Also on the GSA website is a “Technical Tools and Resources” page that provides links to various agency Section 508 websites across the federal government, which is helpful for seeing how other agencies approach Section 508 compliance.

The screenshot shows the GSA website's navigation and content. The header includes the GSA logo and navigation links: Home, Newsroom, Regions, Staff Directory, Careers, Forms, e-Tools, and QuickL. A search bar is located in the top right. Below the header is a navigation menu with four tabs: WHAT GSA OFFERS, DOING BUSINESS WITH GSA, LEARN MORE, and BLOG. The main content area is titled "GSA 508 Technical Tools and Resources" and features a sidebar on the left with a tree view of categories. The main content lists "Free Online Tools and Resources to Test for 508 Compliance" with two items: "HiSoftware Cynthia Says Portal" and "Wave v 4.0". Below this is a "Federal Resources" section with a sub-section "A. General Services Administration" containing contact information for the Section 508 Program.

Home | Newsroom | Regions | Staff Directory | Careers | Forms | e-Tools | QuickL

GSA U.S. General Services Administration

Search This Site SEARCH

WHAT GSA OFFERS DOING BUSINESS WITH GSA LEARN MORE BLOG

Home > About GSA > Organization > Office of the Chief Information Officer > Office of Enterprise Solutions > Accessibility and Section 508 > GSA 508 Technical Tools and Resources

Office of the Chief Information Officer

- Overview
- GSA Email and Collaboration Contract Information
- GSA Technology Operations
- Office of Enterprise Infrastructure
- Office of Enterprise Management
- Office of Enterprise Solutions

Accessibility and Section 508

- GSA 508 Agency Roles/Responsibilities
- GSA 508 Standards
- GSA 508 Tutorials, Guidance, Checklists
- GSA 508 Complaint Procedure

GSA 508 Technical Tools and Resources

Free Online Tools and Resources to Test for 508 Compliance

1. [HiSoftware Cynthia Says Portal](#)
The HiSoftware Cynthia Says portal is a web content accessibility validation solution. It is designed to identify errors in your content related to Section 508 standards and/or the WCAG guidelines.
2. [Wave v 4.0](#)
WAVE is a free web accessibility evaluation tool provided by [WebAIM](#). It is used to aid humans in the web accessibility evaluation process.

Federal Resources

A. General Services Administration

Section 508 Program, Office of the Chief Information Officer (OCIO - Central Office)

- CIO508Help@gsa.gov – for technical assistance on Section 508

<http://www.gsa.gov/portal/content/103534>

Section 508 Guidance & Checklists



At the agency level, the Department of Health and Human Services “Section 508” website offers an overview of the law, a large selection of excellent checklists, sample code, and testing tips.

The screenshot shows the HHS.gov website with the following content:

- U.S. Department of Health & Human Services** logo and navigation links: [Frequent Questions](#), [A-Z Index](#), [Search](#), [This Site](#), [All HHS Sites](#).
- Utility links: [Email Updates](#), [Font Size](#), [Print](#), [Download Reader](#).
- Breadcrumbs: [HHS Home](#) > [Web Communications & New Media](#) > [Section 508](#).
- Section 508** navigation menu: [Web Communications & New Media](#), [Policies & Standards](#), **Section 508** (selected), [PDFs](#), [Checklists](#), [Standards](#), [Compliance & Remediation \(C&R\)](#), [Video](#), [Points of Contact](#), [ASP/WCD 508 Program](#), [Tools](#), [Image & Icon Library](#), [Code Library](#), [New Media](#), [Web Council](#).
- Section 508** header: [Email Updates](#).
- General Information**: Section 508 requires that all Web site content be equally accessible to people with disabilities. This applies to Web applications, Web pages and all attached files. It applies to intranet as well as public-facing Web pages.
 - [Access Board Guidance](#) – your primary reference point
 - [508 Web Compliance and Remediation Framework](#)
 - [Section 508: Why Comply?](#)
 - [Section 508 Accessibility Policy](#)
 - [508 Interim Access Provision](#)
 - [Accommodation Guidance \(PDF - 2.29MB\)](#)
 - [508 Contract Language \(PDF - 36.15 KB\)](#)
 - [Myths & FACTS about 508 \(PDF - 24.15 KB\)](#)
- Helpful Resources**
 - [Tips for Testing Documents for Section 508 Compliance](#)
 - [508 Compliant PDFs](#)
 - [Checklists](#)
 - [Standards](#)
- Upcoming Training**: [Learn more about the ASP/WCD 508 Program](#). Includes a logo for the **ASP/WCD 508 Program**.
- Section 508 Awareness Video**: Includes the HHS logo and a link to [Watch the 508 awareness video](#).

<http://www.hhs.gov/web/508/index.html>

Section 508 Guidance & Checklists



HHS also maintains a “Center for New Media” website that offers some of the first federal government accessibility guidance for social media tools such as Facebook, Twitter, and YouTube.

NewMedia
.hhs.gov

HHS Center for New Media

Home About **New Media Tools** Standards and Policies Resources

New Media Tools

- To help ensure you select the right tools, read the basics of [Social Media 101 \(PDF - 290KB\)](#), and take a copy of these [Social Media Considerations: Questions to ask before jumping in \(PDF - 106KB\)](#) to your planning meeting.
- When you are ready to begin planning your strategy, review [What's In a Plan \(PDF - 69KB\)](#) and the [HHS Standards and Policies Checklist \(PDF - 89KB\)](#).
- Be prepared for the tough issues and learn [When and How to Engage over New Media Platforms \(PDF - 60KB\)](#).
- Watch the video below and learn more about [using social media in government](#).

How To Use Social Media Strategically in the Federal Government

Success:

• \$ \$ \$ \$ \$ \$ \$ \$

Stay Connected

- [Read our blog](#)
- [Get in the Loop](#)
- [Join the ListServe](#) (HHS only)
- Subscribe to e-mail updates

enter e-mail address

[Terms of Service Agreements](#) for use of new media tools at HHS

[Guidance and Resources](#) on how to use new media tools at the Department

<http://newmedia.hhs.gov/tools/index.html>

Section 508 Compliance Software



- HTML Compliance Software
- PDF Compliance Software
- Screen Readers



Section 508 Compliance Software



HTML Compliance Software:

- WAVE Toolbar (for Firefox) - free
- Web Developer Toolbar (for Firefox) - free
- Web Accessibility Toolbar (for Internet Explorer) - free
- HiSoftware Compliance Sheriff & AccVerify - fee

WAVE Toolbar

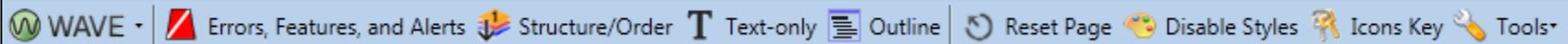


Free Firefox toolbar for testing web accessibility. Checks for compliance issues using many of the Section 508 and WCAG guidelines.

The screenshot shows the WAVE Toolbar website. At the top, there is a navigation bar with links for "skip navigation", "about", "contact/feedback", "english", and "español". Below this is the WAVE logo and a search bar for "Web page address...". The main content area features the "WAVE Toolbar" title and a toolbar with buttons for "WAVE", "Errors, Features, and Alerts", "Structure/Order View", "Text-only View", and "Outline View". A paragraph explains that the toolbar runs reports directly within Firefox, ensuring 100% private and secure accessibility reporting. Below this, there is a "Download now" section with a link to "WAVE Toolbar Version 1.1.8" and a date of "February 02, 2012". An "Installing the WAVE toolbar" section follows, with a list of instructions for installation.

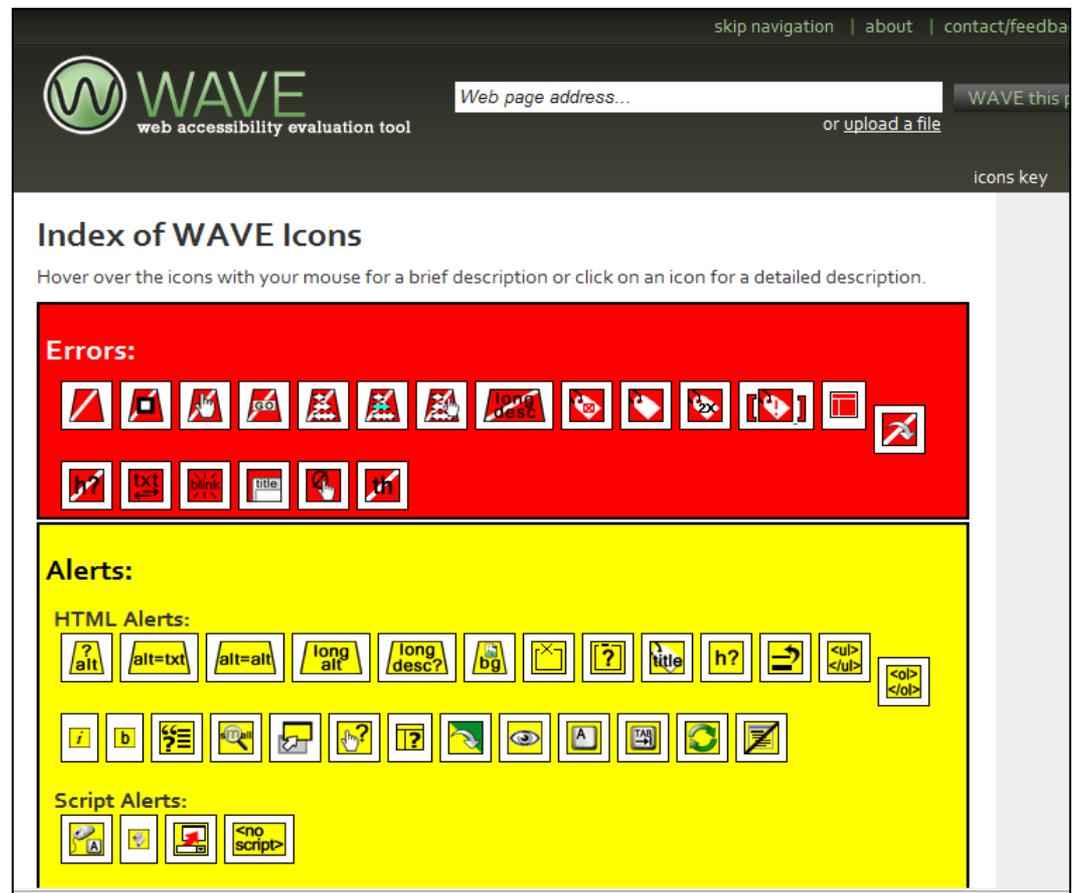
<http://wave.webaim.org/toolbar>

WAVE Toolbar



WAVE toolbar generates error messages and alerts for accessibility issues, HTML code, tables, scripts, forms, and media.

Icons indicate the type of problem.



WAVE Toolbar



After clicking the “Errors, Features and Alerts” toolbar button, WAVE lists the number of accessibility errors and displays error icons on the page.

Uh oh, WAVE has detected 7 accessibility errors

[unions whose financing products are Shari'a-compliant](#) 

 [Through technical assistance and training, Afghan civil-society organizations become more active and sustainable](#) 

 [USAID's Rule of Law Stabilization Program- Informal Component works with district elders to resolve historic and destabilizing community disputes](#) 

[efficient tube well pump, for which he received a 50 percent discount from USAID. The new pump can save him up to 40 percent on his monthly electricity bill.](#) 

 [Thanks to USAID health messages provided to a leader in her community in Pakistan, 15-year-old Bakhtawar will be able to finish school before she is married.](#) 

 [USAID is helping to rebuild damaged schools in the conflict-affected areas of Pakistan by encouraging the age-old tradition of ashar, whereby neighbors come together to work on projects of mutual benefit.](#) 

To find out more:
For more information about USAID's work in Afghanistan, please see: <http://www.usaid.gov/locations/asia/countries>

- USAID Afghanistan and USAID Pakistan at a Glance  (PPT, 2.9mb)
- USAID Country Page
- FY 2011 Congressional Budget Justification
- Pakistan Assistance Strategy Report  (PDF, 367kb)
- Mission Web Site
- Transition Initiatives: Pakistan
- Selected USAID Reports
- Frontlines 01/2011: Special Afghanistan-Pakistan Edition
- IMPACTblog Posts About Pakistan
- Employment Opportunities: Foreign Service Limited Appointments

External Links:

- U.S. State Department Background Notes
- CIA World Factbook
- United Nations Development Programme

WAVE Toolbar



The WAVE toolbar will also display information about HTML structure. WAVE can highlight table sections and list the scope attribute for table content.

WAVE - Errors, Features, and Alerts Structure/Order Text-only Outline Reset Page Disable Styles Icons Key Tools

WAVE has detected no accessibility errors, but you must still check your page to ensure it is actually accessible.

- Table 2. Children's history, prior relationship with parents
- Table 3. Race, ethnicity, and gender
- Table 4. Other demographic and socio-economic characteristics
- Table 5. Family characteristics and structure
- Table 6. Neighborhood characteristics
- Table 7. Physical health and factors related to health
- Table 8. Social and emotional well-being
- Table 9. Cognitive development and educational achievement
- Table 10. Family and community activities and context
- Table 11. Parenting and parent well-being
- Table 12. Adoption satisfaction
- Table 13. Parent involvement in advocacy and the adoption community

NOTE: Percentages may not sum to 100 in percent distributions within categories due to rounding.
SOURCE: 2007 National Survey of Children's Health and 2007 National Survey of Adoptive Parents.

	Number Thousands	Percent
All children	73,759	100%
Row header cell	1,782	2%
Health		
Special health care needs	14,136	19%
No special health care needs	59,622	81%
All adopted children	1,782	100%
Health		
Special health care needs	702	39%

A table header cell (<th>) is present and has scope="row".

Web Developer Toolbar



Free Firefox toolbar for testing web accessibility. Lets you specify the types of tests you run on a website.

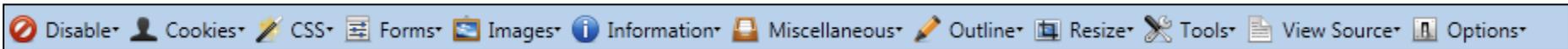
The screenshot shows the Mozilla Add-ons website for the 'Web Developer' extension. At the top, there are links for 'Register or Log in' and 'Other Applications', along with the Mozilla logo. The main heading is 'ADD-ONS' with sub-links for 'EXTENSIONS', 'PERSONAS', 'THEMES', 'COLLECTIONS', and 'MORE...'. A search bar is present with the text 'search for add-ons'. The breadcrumb trail reads 'Home > Extensions > Web Developer'. The extension card for 'Web Developer 1.1.9 by chrispederick' is the central focus. It includes a gear icon, a description: 'The Web Developer extension adds various web developer tools to a browser.', and a 'Download Now' button. To the right of the card, it shows a 5-star rating, '426 user reviews', and '1,177,010 users'. Below the card, there is a 'Contribute' button with a heart icon and a suggested price of '\$9.99'. A small profile picture of the developer is also visible.

<https://addons.mozilla.org/en-US/firefox/addon/web-developer/>

Web Developer Toolbar



Under Tools you can select “Validate Section 508” and also “Validate Web Accessibility Initiative.”



ASPE.hhs.gov

- Home
- Introduction
- PART 1: THE POPULATION
- PART 2: THE ADOPTION PROCESS
- TECHNICAL APPENDIX
- ENDNOTES
- APPENDIX TABLES
 - Table 1. Number and percentage distribution of children ages 0-17 by adoptive status; number and percentage distribution of adopted children ages 0-17
 - Table 2. Children's history, prior relationship with parents
 - Table 3. Race, ethnicity, and gender
 - Table 4. Other demographic and socio-economic characteristics
 - Table 5. Family characteristics and structure
 - Table 6. Neighborhood characteristics

Table 1. Number and percentage distribution of children ages 0-17 by adoptive status; number and percentage distribution of adopted children ages 0-17

¹ Adopted children were defined as those with at least one biological parent, in the household.
[†] The relative standard error exceeds 0.30.
NOTE: Percentages may not sum to 100 in percent distributions within categories due to rounding.
SOURCE: 2007 National Survey of Children's Health and 2007 National Survey of Adoptive Parents.

	Number Thousands	Percent
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Health		
Special health care needs	702	39%
No special health care needs	1,080	61%

Web Developer Toolbar



Selecting the “Validate Section 508” menu option opens a Web Content Accessibility Report from HiSoftware.

HiSoftware® Cynthia Says™ - Web Content Accessibility Report
Powered by [HiSoftware Content Quality Technology](#). If you have a question about this output please email support@hisoftware.com

Verified File Name: <http://aspe.hhs.gov/hsp/09/nsap/chartbook/chartbook.cfm?table=1>
Date and Time: 2/14/2012 7:42:32 PM
Passed Automated Verification

HiSoftware can help you meet all of your accessibility needs and more. Our industry leading [enterprise content compliance solutions](#) provide you with an automated, full-featured monitoring, auditing and testing solution to ensure your ever-changing Web content is always compliant with the latest standards for accessibility, privacy and confidentiality, site quality and data and information security. Visit www.hisoftware.com to find out more about how HiSoftware solutions can help you meet your Web compliance goals and request a trial copy.

Read [The Accessibility Handbook](#) today! [Download Now](#)

The level of detail setting for the report is to show all detail.

Checkpoints	Passed		
	Yes	No	Other
508 Standards, Section 1194.22			
A. 508 Standards, Section 1194.22.(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Yes		
<ul style="list-style-type: none">○ Rule: 1.1.1 - All IMG elements are required to contain either the alt or the longdesc attribute.<ul style="list-style-type: none">○ No invalid IMG elements found in document body.○ Rule: 1.1.2 - All INPUT elements are required to contain the alt attribute or use a LABEL.<ul style="list-style-type: none">○ No INPUT Elements found within document○ Rule: 1.1.3 - All OBJECT elements are required to contain element content.<ul style="list-style-type: none">○ No OBJECT elements found in document body.○ Rule: 1.1.4 - All APPLET elements are required to contain both element content and the alt attribute.<ul style="list-style-type: none">○ No APPLET elements found in document body.○ Rule: 1.1.6 - All IFRAME elements are required to contain element content.			

Web Developer Toolbar



Additional Web Developer tools include:

- Disable styles and scripts
- Display alternative text, title attributes, access keys, tab index, table information, and page magnifier
- Resize the page to a different resolution to see how it displays
- Show comments and hidden elements
- View color information

Web Accessibility Toolbar



Free Internet Explorer toolbar by Vision Australia for testing web accessibility.

[Skip to content](#) [Change text size](#) [Change contrast](#)

vision australia
blindness and low vision services

Home | About Us | Services | Library | Resources | Training | Events | News | Jobs | Our Stories | Support Us | Shop

vision australia radio | [Contact Us](#) | [Locations](#) | [Donate](#) | [Memberships](#) | [Site Map](#) | [A-Z Index](#) Search

Resources

- » Adaptive Technology Guide
- » Information & Fact Sheets
- » Eye Conditions
- » Support Groups
- » **Tools to Download**
 - » Colour Contrast Analyser 2.2 for Web Pages
 - » Complex Table Toolbar
 - » **Web Accessibility Toolbar for IE - 2011**
 - » Toolbar Functions
 - » Accessible YouTube player

You are here: [Home](#) » [Resources](#) » [Tools to Download](#) » Web Accessibility Toolbar for IE - 2011

Web Accessibility Toolbar for IE - 2011

The Web Accessibility Toolbar was developed by Steve Faulkner in a collaboration between [Vision Australia](#), [The Paciello Group](#) (Europe) and JUn of the [Web Accessibility Tools Consortium](#).

[Download the Web Accessibility Toolbar 2011 \(2mb\)](#)

IT IS IMPORTANT that if you have a previous version of the toolbar installed, uninstall it before installing this version. During install and uninstall **ensure that Internet Explorer is closed**.

For more information and downloads in languages other than English - see "Download and Installation Instructions" below

Introduction

Windows taskbar: Start, Check, Resize, CSS, Images, Colour, Structure, Tables, Frames

<http://www.visionaustralia.org.au/ais/toolbar/>

Web Accessibility Toolbar



Selecting “Check” on the toolbar brings up the option to have the WAVE website validate the page.



U.S. Department of Health & Human Service

Table 1. Number and percentage distribution of children ages 0-17 by adoptive status; number and percentage distribution of adopted children ages 0-17

¹ Adopted children were defined as those with at least one adoptive parent, but no biological parents, the household.
⁺ The relative standard error exceeds 0.30.
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SOURCE: 2007 National Survey of Children's Health and 2007 National Survey of Adoptive Parents.

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Web Accessibility Toolbar



Provides the same WAVE evaluation as the WAVE Firefox toolbar.

The screenshot shows a web browser window with the WAVE toolbar active. The toolbar includes a logo, a search bar, and various navigation and analysis tools. The main content area displays a message: "WAVE has detected no accessibility errors ...but you must still check your page to ensure it is actually accessible." Below this, the browser shows the ASPH.hhs.gov website header and a table titled "Table 1. Number and percentage distribution of children ages 0-17 by adoptive status; number and percentage distribution of adopted children ages 0-17". The toolbar also shows a list of detected errors, including "Home", "Introduction", "PART 1: THE POPULATION", "PART 2: THE ADOPTION PROCESS", "TECHNICAL APPENDIX", "ENDNOTES", and "APPENDIX TABLES".

Web Accessibility Toolbar



The toolbar also has a “Table” tool which will provide information on table accessibility, layout, and cell reading order.

The screenshot shows a web browser window with the URL remoteaccess.epa.gov and a page titled "Adoption USA: Table 1. Number and percentage ...". The page content includes the ASPe.hhs.gov logo, a navigation menu, and a table. The Juicy Studio Table Inspector toolbar is open, showing options like "Table Headers", "Table Borders", and "Table Cell Order".

Table 1. Number and percentage distribution of children ages 0-17 by adoptive status; number and percentage distribution of adopted children ages 0-17

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SOURCE: 2007 National Survey of Children's Health and 2007 National Survey of Adoptive Parents.

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All adopted children	1,782	100%
Health		
Special health care needs	702	39%
No special health care needs	1,080	61%
Type of adoption		
Foster care	661	37%
Private domestic	677	38%
International	444	25%

Web Accessibility Toolbar



The toolbar also has a Functional Accessibility Evaluator, which is provided by the Illinois Center for Information Technology and Web Accessibility.

The screenshot shows a web browser window with the Functional Accessibility Evaluator toolbar open. The toolbar includes options like HTML Validation quick check, Validate as HTML 5, W3C HTML Validator, W3C CSS Validator, W3C Link Checker, Functional Accessibility Evaluator (highlighted), The Wave, Juicy Studio Readability Test, and Lynx Viewer. The browser displays a page from the U.S. Department of Health & Human Services with the following table:

Table 1. Number and percentage distribution of children ages 0-17 by adoptive status; number and percentage distribution of adopted children ages 0-17

¹ Adopted children were defined as those with at least one adoptive parent, but no biological parents, in the household.
^{*} The relative standard error exceeds 0.30.
NOTE: Percentages may not sum to 100 in percent distributions within categories due to rounding.
SOURCE: 2007 National Survey of Children's Health and 2007 National Survey of Adoptive Parents.

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Special health care needs	702	39%
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Web Accessibility Toolbar



The Functional Accessibility Evaluator generates a report that highlights adherence to best accessibility practices.

Run FAE

Summary Report

Page Report

Summary Report

DHTML Report 2012-02-14 19:07

DHTML: Y Ruleset: 1011-1 (current)

URL: Unspecified

Evaluation Results by Best Practices Main Category

Category	Status ¹	% Pass	% Warn	% Fail
Navigation & Orientation	Partially Implemented	81	3	14
Text Equivalents	Complete	100	0	0
Scripting	Complete	100	0	0
Styling	Complete	100	0	0
HTML Standards	Complete	100	0	0

Note: % Pass includes N/A results.

Evaluation Results by Best Practices Subcategory

Category/Subcategory	% Pass	% Warn	% Fail
Navigation & Orientation			

Web Accessibility Toolbar



The toolbar also has an Accessibility Viewer which will show ARIA code within a web page (ARIA = widget/AJAX accessibility).

The screenshot shows a web browser window with the URL "ARIA Example: Alert Example 1: Number Guessing Game". The page content includes a heading "Alert Example 1: Number Guessing", a sub-heading "Number Guessing", and instructions: "Instructions: In this game you guess a number between 1 and 10. Press the 'Guess' button to check your responses. An ARIA dialog box will be displayed to provide feedback. To start over again to press the 'Play Again' button." Below the instructions is a text input field containing "2", a feedback message "'2' is too low. Try a higher number.", and two buttons: "Check My Guess" and "Play Again".

The Accessibility Viewer overlay is positioned over the feedback message. It has a "Select Display" section with checkboxes for "MSAA", "ARIA", "HTML", and "IA2", where "ARIA", "HTML", and "IA2" are checked. Below this is a table showing the interface details:

Interface	Value
ARIA	
Role	alert
Attributes	(none)
HTML	
Element name	p
Attributes	
id	guess1_alert
class	feedback

At the bottom of the viewer, there is a "Code(outerHTML):" section showing the HTML code: `<P id=guess1_alert class=feedback role=alert>'2' is too low. Try a higher number.</P>`

Web Accessibility Toolbar



And the toolbar provides links to many helpful Section 508 and WCAG 2.0 resources under the “Standards and Specifications” menu.

The screenshot shows a web browser window displaying the ASPE.hhs.gov website. The main content area features a table titled "Table 1. Number and percentage distribution of children ages 0-17 by adoptive status; number and percentage distribution of adopted children ages 0-17". The table is partially visible, showing columns for "All children", "Adopted", and "All adopted children", with sub-rows for "Health" and "Special health care needs".

The Web Accessibility Toolbar is open, showing a dropdown menu for "Standards and Specifications". The menu items include:

- HTML5 specification
- HTML5 Web Developer Edition
- HTML: The Markup Language
- HTML5: Techniques for providing useful text alternatives
- HTML to Platform Accessibility APIs Implementation Guide
- WCAG 2.0
- WCAG 2.0 Quick Reference
- Understanding WCAG 2.0
- Techniques for WCAG 2.0
- WAI-ARIA 1.0
- WAI-ARIA Authoring Practices
- WAI-ARIA User Agent Implementation Guide
- ATAG 1.0
- ATAG 2.0
- UAAG 1.0
- Section 508 Refresh Recommendations
- Section 508 1194.21 Software
- Section 508 1194.21 Software - Guide
- Section 508 1194.22 Web
- Section 508 1194.22 Web - Guide

A red arrow points to the "Standards and Specifications" menu item in the toolbar.

Compliance Sheriff / AccVerify



Compliance Sheriff and AccVerify are commercial accessibility tools made by HiSoftware.

The screenshot shows the HiSoftware website with a dark blue header. The navigation menu includes Home, Contact, Search, and a GO button. A HiVE CUSTOMER PORTAL LOGIN button is also present. The main content area features a sidebar with 'SOLUTIONS' and 'HiSoftware Solutions for SharePoint'. The main heading is 'HiSoftware Compliance Sheriff for Content Compliance Automation'. Below this is a sub-heading 'Your Unmanaged Content is Putting Your Organization at Risk' and a paragraph of text. A 'GET STARTED' button is visible, along with a list of links: Information Request, Contact Sales, White Papers, and Case Studies. A 'REQUEST A DEMO' button is at the bottom right of the main content area.

HiSoftware

Home Contact Search GO HiVE CUSTOMER PORTAL LOGIN

Solutions Industries Why HiSoftware Support & Services Company

SOLUTIONS

- HiSoftware Compliance Sheriff®
 - Platform Overview
 - Privacy Compliance
 - OPSEC Information Assurance
 - Brand Integrity & Site Quality
 - Accessibility Compliance
- HiSoftware Solutions for SharePoint®

HiSoftware Compliance Sheriff for Content Compliance Automation

Your Unmanaged Content is Putting Your Organization at Risk

Content Management Systems are great collaboration tools because they let every stakeholder in an organization post and share their content. However this wealth of information from multiple input points can quickly spin out of control and make it a potential breeding ground for vulnerabilities. You probably have more hidden risk than you realize and it's growing exponentially every day as more of your staff add content.

HiSoftware Provides a Repeatable, Practical and Measurable Solution for Compliance

Take back control of your content by translating your corporate guidelines into a repeatable and enforceable process using the HiSoftware Compliance Sheriff enterprise compliance automation solution. Enforce corporate guidelines and standards within websites.

GET STARTED

- Information Request
- Contact Sales
- White Papers
- Case Studies

REQUEST A DEMO

<http://www.hisoftware.com/>

Compliance Sheriff / AccVerify



Agencies using Compliance Sheriff include:

- U.S. Census Bureau
- Department of Health and Human Services
- Social Security Administration

In November 2011, it was announced SSA would be using Compliance Sheriff for their intranet and public-facing website, www.socialsecurity.gov.

Compliance Sheriff / AccVerify



Compliance Sheriff is an enterprise-wide tool:

- Helps provide Section 508 content compliance
- Features a certain amount of automated accessibility
- Offers privacy monitoring
- Can perform scanning of legacy content for compliance issues
- Monitors for brand integrity and site quality issues (or look and feel)
- Offers compliance reports for content producers

Compliance Sheriff / AccVerify



AccVerify is a desktop tool:

- Allows content producers to validate content as they're creating it – at their desk
- Can test for Section 508 compliance as well as compliance with custom agency guidelines
- Can validate HTML and CSS
- Provides report views and preview modes so users can test their pages for optimal performance

Section 508 Compliance Software



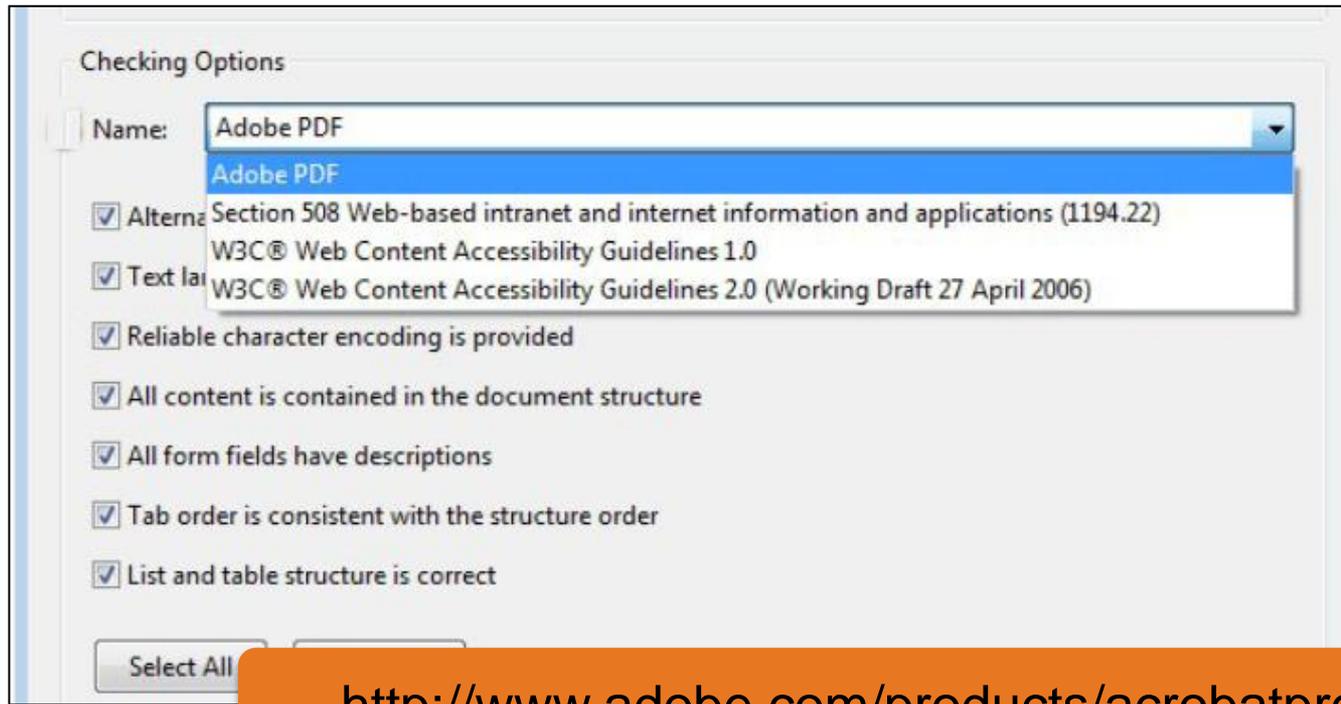
PDF Compliance Software:

- Adobe Acrobat X – **fee**
- NetCentric CommonLook – **fee**

Acrobat X



Provides the standard Full Accessibility Check feature, with the testing options of Section 508 and Web Content Accessibility Guidelines 2.0



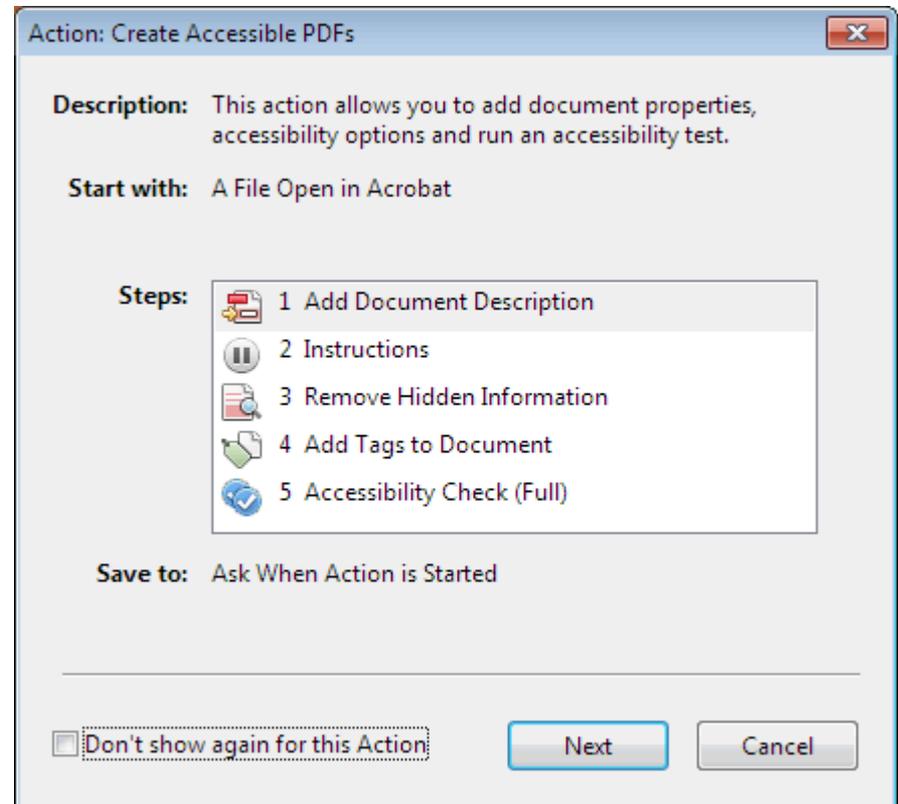
<http://www.adobe.com/products/acrobatpro.html>

Acrobat X



Also provides a new feature called Accessibility Action Wizard, which helps perform common accessibility tasks in a more reliable and efficient manner.

The accessibility script in Acrobat X can be shared among people in an office who all have Acrobat X (improves testing consistency).



NetCentric CommonLook



CommonLook is a plug-in for Acrobat.



INSIST ON ACCESSIBLE PDF

visit us at **CSUN 2012**

Why CommonLook?

NetCentric's tools, training, services and reports use CommonLook. We set the standard for accessible PDF.

CommonLook PDF The professional's choice for PDF accessibility verification and correction.



CommonLook Office The easy way to make Section 508 compliant PDF from Microsoft Word.



CommonLook News

February 2012
Join us at CSUN 2012!
Monday, February 13, 2012
Come meet Duff Johnson, Jeff Howcroft and other members of our team at the accessibility technology event of the year.

NetCentric a Headliner at Accessibility Case Study Seminar
Thursday, February 2, 2012
Join us February 7, 2012 at the Library of Congress for an Accessibility Case Study seminar. The event is hosted by the Federal

Common

<http://www.commonlook.com/CommonLook-PDF>

NetCentric CommonLook



CommonLook:

- Ensures conformance with Section 508 and other applicable accessibility standards (considered more powerful than Acrobat's native features)
- Offers a wide range of powerful tools to verify and remediate tables
- Automatically detects and repairs a variety of common problems in PDF files

NetCentric CommonLook



CommonLook:

- Re-orders page content to improve the reading experience with current-generation mobile devices and software that does not support tagged PDF
- Generates a page-by-page, element-by-element report accepted by the US Department of Health and Human Services (HHS) and other federal agencies

On HHS website they state: “We also recommend you install NetCentric's CommonLook Plugin for creating accessible PDFs.”

NetCentric CommonLook



In addition to CommonLook PDF, NetCentric also makes CommonLook Office:

The Food and Drug Administration has acquired licenses for CommonLook Office, which helps users create accessible, Section 508 compliant PDF documents directly from Microsoft Word 2007 or 2010 and soon Microsoft PowerPoint.

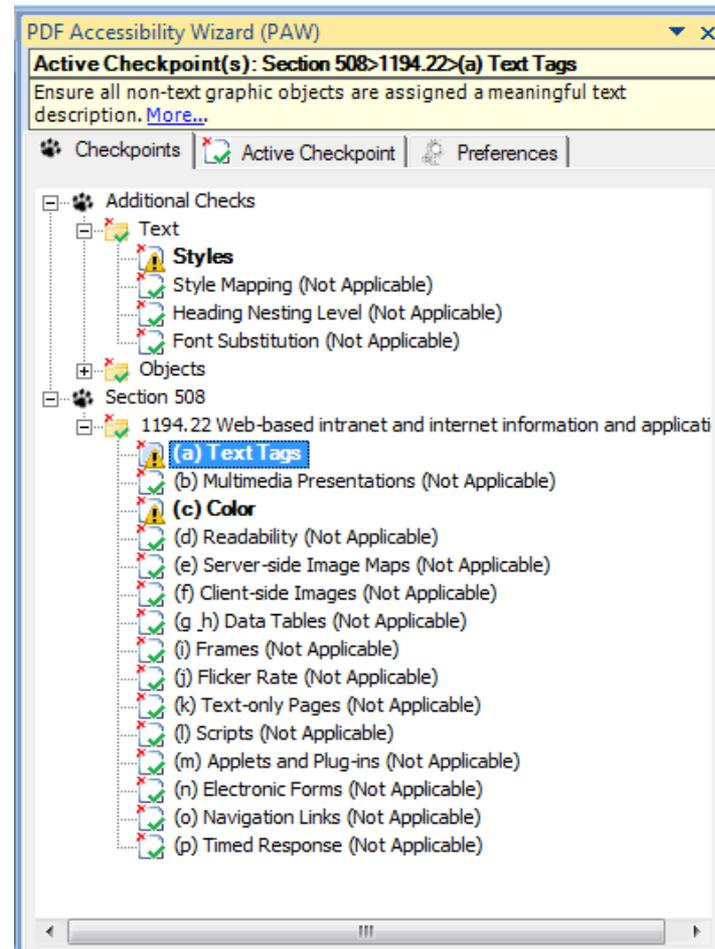


NetCentric CommonLook



CommonLook Office:

Features a PDF Accessibility Wizard (PAW) for making Office documents accessible based on Section 508 guidelines.



NetCentric CommonLook



CommonLook Office:

- Comprehensive, checklist-style approach, which is effective for all skill levels
- Standard MS Word styles are automatically mapped to appropriate PDF tags
- Assists in fixing complex tables. Generates appropriate headers and creates 'speak text'
- Support for headings and lists

Screen Readers



- NVDA screen reader – free
- Apple VoiceOver – free with OS
- Freedom Scientific's JAWS screen reader - fee



NVDA Screen Reader



NVDA or Non-Visual Desktop Access is a free and open source screen reader for Windows. It includes support for over 20 languages and has the ability to run entirely from a USB drive with no installation



<http://www.nvda-project.org/>

NVDA Screen Reader



NVDA receives support from the programming community through regular upgrades. Sites such as WebAIM provide tips on using NVDA to evaluate web accessibility.

The screenshot shows the WebAIM website with the following elements:

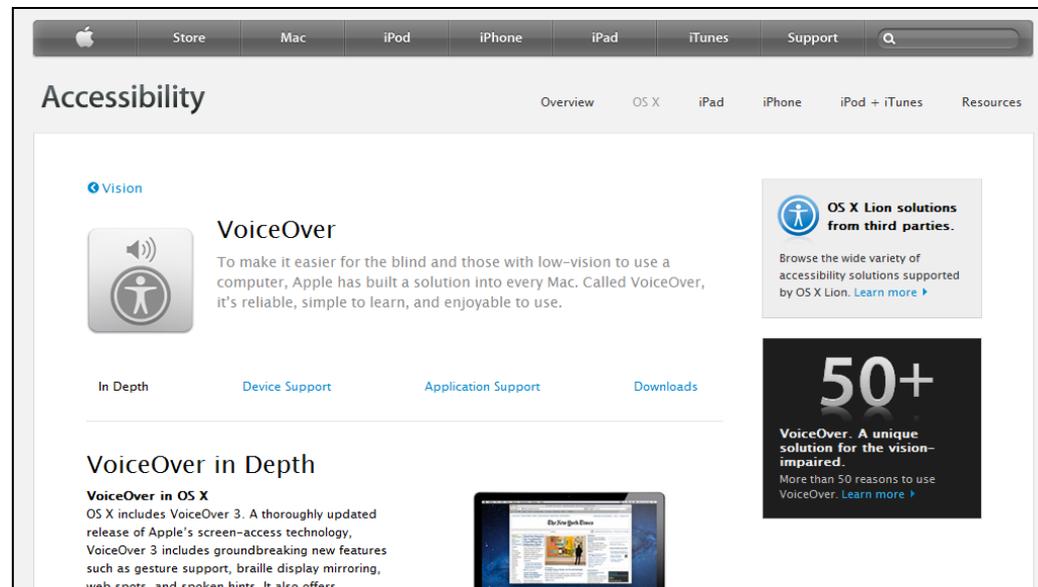
- Header:** WebAIM logo (Web Accessibility in Mind), navigation menu (Products, Services, Articles, Resources, Community), and a search bar.
- Breadcrumbs:** Home > Articles > Using NVDA to Evaluate Web Accessibility
- Main Title:** Using NVDA to Evaluate Web Accessibility
- Article Contents:**
 - The following list is a table of contents for this activity. To skip this list in NVDA, press **H** to navigate to the next heading.
 - Introduction
 - Getting Started
 - Reading
 - Navigation
 - Quick Keys
 - Other Navigation Shortcuts
 - Images

An orange banner at the bottom of the screenshot contains the URL: <http://webaim.org/articles/nvda/>

Apple VoiceOver



VoiceOver comes bundled with the Mac OS X, iOS and iPod operating systems. It can be helpful for testing desktop websites, as well as mobile sites.



<http://www.apple.com/accessibility/voiceover/>

Apple VoiceOver



Often VoiceOver is not considered a priority for screen reader testing, but Apple's share of the market is growing:

- Mac OS X - 15% of operating systems in U.S
- iOS - 39% of mobile operating systems in U.S
- VoiceOver – 10% of screen reader market in U.S.

* statistics from StatCounter and WebAIM survey

Apple VoiceOver



VoiceOver's features improve with each operating system upgrade. Sites such as WebAIM provide tips on using VoiceOver for web accessibility testing.

The screenshot shows the WebAIM website with the following elements:

- Header:** WebAIM logo (Web Accessibility in Mind), navigation tabs for Products, Services, Articles, Resources, and Community, and a search bar.
- Breadcrumbs:** Home > Articles > Using VoiceOver to Evaluate Web Accessibility
- Article Title:** Using VoiceOver to Evaluate Web Accessibility
- Article Contents:**
 - Introduction
 - Getting Started
 - Reading
 - Navigation
 - Other useful shortcut keys
 - Images
 - Data Tables
 - Forms
 - Practice
 - VoiceOver on the iPhone, iPod Touch, and iPad
- Translations:** Translation of this article is available in:
- Left Sidebar:**
 - Expanding the web's potential for people with disabilities
 - Getting Started
 - Introduction to web accessibility
 - WebAIM Training
 - March 28-29 Training Details
 - From the Blog
 - WCAG Next (January 31, 2012)
 - Alexa 100 Accessibility Errors (December 6, 2011)
 - Semantic Automation (November 4, 2011)

<http://webaim.org/articles/voiceover/>

Freedom Scientific's JAWS



JAWS (Job Access with Speech) screen reader is made by Freedom Scientific.

The screenshot shows the Freedom Scientific website. At the top left is the Freedom Scientific logo. To its right are navigation links: "Skip to Main Content" and "Change Page for Low Vision". Below these is a search bar. A dark navigation bar contains links: "Home | Products | Purchase | Support | Training | About Us | Low Vision Facts". The main content area features the heading "JAWS for Windows Screen Reading Software". Below this is a quote from Attorney John Pangere: "I've used JAWS® for the past 15 years, and I use it for just about everything. If it wasn't for JAWS, I would not be able to practice law. JAWS is very, very vital to my job and what I do on a daily basis." followed by a "Listen to more" link. Below the quote is a link "Read praise for JAWS Tandem™". Further down is a section titled "What's New in JAWS 13" with the sub-heading "Powerful access to screen content". The text below reads: "Get started today working with all your Microsoft and IBM Lotus® Symphony™ applications using JAWS®, the world's most popular screen reader. Developed for computer users whose vision loss prevents them from seeing screen content. JAWS reads aloud what's on the screen." To the right of this text is a photograph of a person with long hair using a laptop, with the JAWS software interface visible on the screen.

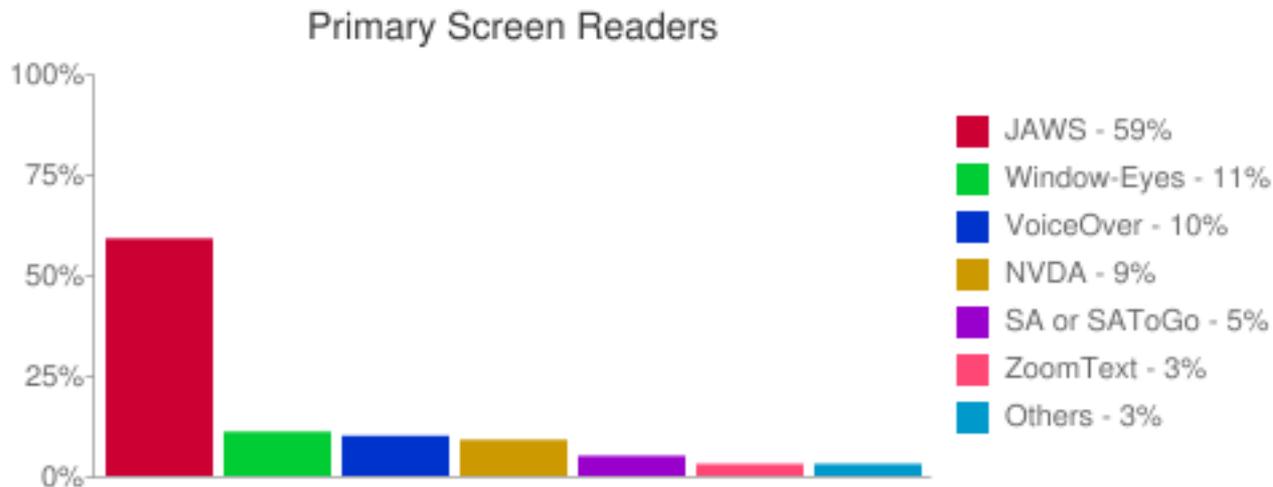
<http://www.freedomscientific.com/products/fs/jaws-product-page.asp>

Freedom Scientific's JAWS



In the December 2010 WebAIM screen reader survey, JAWS remained the most commonly used screen reader (confirmed by other independent surveys).

Primary Screen Reader



<http://webaim.org/projects/screenreadersurvey3/>

Freedom Scientific's JAWS



Quite a few federal agencies use JAWS for accessibility testing, although it has a high price and a steep learning curve. But it's popularity in the marketplace and it's powerful features make it a valuable product for an agency that is testing content.

Another advantage of JAWS is that it provides accessibility features, documentation, training, and online help that is not available for other screen readers.

Freedom Scientific's JAWS



Web AIM provides tips for testing accessibility with JAWS.

The screenshot shows the WebAIM website interface. At the top, there is a navigation menu with links for Products, Services, Articles, Resources, and Community. A search bar is located to the right of the menu. Below the navigation, the breadcrumb trail reads: Home > Articles > Using JAWS to Evaluate Web Accessibility. The main heading of the article is "Using JAWS to Evaluate Web Accessibility". Below the heading, there is a section titled "Article Contents" which lists various topics: Introduction, Getting Started, Reading, Navigation (with sub-links for Quick Keys and Other navigation shortcuts), Images, Data Tables, Forms, and Practice. To the left of the main content, there is a sidebar with several sections: "Getting Started" with a link to "Introduction to web accessibility"; "WebAIM Training" with a link to "March 28-29 Training Details"; "From the Blog" with three entries: "Assistive Technology Experiment: High Contrast" (February 24, 2012), "WCAG Next" (January 31, 2012), and "Alexa 100 Accessibility Errors" (December 6, 2011). At the bottom of the sidebar, the word "Semantic" is visible. Below the article content, there is a section titled "Translations" with a small icon of a pen and paper, and the text "Translations of this article are available in:". At the bottom of the page, there is a large orange button with the URL <http://webaim.org/articles/jaws/>.

Freedom Scientific's JAWS



In addition, the “GSA 508” website provides JAWS commands that can be downloaded for testing purposes.

C. More "How To" Guidance

- [How to Request Accommodations for Persons with Disabilities](#) (Word 52.5k)
- [Using keyboard Shortcuts and other Accessibility Features in Sametime Connect 8.0.1](#) - (Word 78.5k)
- [Policy on Posting of Federal Forms Online](#) (Word 36k)
- [Guide to Making Video and Multimedia Accessible](#) (PDF 76.6k)
- [Guidance for Telecommunications Products](#) (Word 192k)
- [Guidance for Desktop PCs and Portable Computers](#) (Word 134k)
- [Guidance for Software Applications and Operating Systems](#) (Word 253k)
- [JAWS Commands for PowerPoint Navigation](#) (Word 53k)
- [JAWS Commands for Internet Explorer and HTML](#) (Word 180k)
- [JAWS Commands for Microsoft Excel](#) (Word 75k)
- [JAWS Commands for Microsoft Word](#) (Word 141k)

<http://www.gsa.gov/portal/content/103565>

Freedom Scientific's JAWS



Training for JAWS is offered by Freedom Scientific, as well as by organizations specializing in accessibility training.

The screenshot shows a web page from Freedom Scientific. At the top left is the Freedom Scientific logo. To its right are links for "Skip to Main Content" and a search box. Below the logo is a navigation menu with links: Home | Products | Purchase | Support | Training | About Us | Low Vision Facts. The main content area is titled "Web Page Testing with JAWS". The text describes a two-day hands-on workshop for testing web pages with JAWS. It mentions that the workshop covers both visual appearance and virtual HTML environments, and emphasizes usability. A link for "training_info at FreedomScientific.com" is provided. Below this, it lists topics covered in the workshop, divided into "Day One" and "Day Two".

Web Page Testing with JAWS

Learn to use JAWS® screen reading software to test Web pages and other HTML or PDF documents for accessibility and usability. This two-day hands-on workshop is designed for Web page authors, Web masters, accessibility testers, and anyone else who is interested in learning how JAWS can be used to test and validate accessible Web page design.

Emphasis is placed on being able to use JAWS to gather information from the visual appearance of Web pages as well as from the virtual HTML environment, where some text and attributes may not be visible on the screen. Equal emphasis is placed on testing for *usability*, and not just accessibility.

This workshop can also be [hosted at your location](#). For more information, contact [training_info at FreedomScientific.com](#).

Topics covered in this workshop include:

Day One

- Introduction and objectives
- JAWS reading commands and cursors used by JAWS
- Selecting text, cut, copy, and paste using the keyboard
- The Adjust JAWS Options dialog box
- The JAWS HTML Options dialog box
- Navigation Quick Keys and access keys on Web pages
- JAWS list of links and list of headings
- Languages on the Web
- PlaceMarkers
- Tables

Day Two

<http://www.freedomscientific.com/training/WebPageTestingWithJAWS.asp>

Section 508 Training



- ICSP Agency Training
- General Government Training
- Commercial Training

ICSP Agency Training



ICSP Training:

Based on the responses Abt Associates received in their Section 508 System Catalog form, most Section 508 training at ICSP agencies appears to be internal with not much sharing between agencies.

Individual agencies would benefit if resources were shared beyond internal intranets – especially electronic resources such as webinars and digital slide shows.

ICSP Agency Training



Social Security Administration is one exception in that they have guidance and training materials posted on the “HowTo.gov” website, which cover 508 standards, best practices, and 508 guidance for web, PDFs, Word documents and interface design.

SSA's Section 508 Accessibility Resource Center

The Social Security Administration's (SSA) Section 508 Accessibility Resource Center has prepared several helpful resources. See their "Section 508 Accessibility of Electronic and Information Technology for People with Disabilities"

Guidance for accessible web development and design

- [Guide to Applying Section 508 Standards](#)
(MS Word doc, 4.53 MB, 115 pages, April 2009)
- [SSA Top Ten Web Best Practices](#)
(ZIP, 408 KB, April 2009)
- [SSA User Interface Design Accessibility Checklist](#)
(MS Word doc, 121 KB, 5 pages, April 2009)

Guidance for Accessible PDF and Word Documents

- [Guide to Accessible Word Documents](#)
(MS Word doc, 1.5 MB, 28 pages, April 2009)
- [Advanced Guide for Accessible PDF Documents](#)
(PDF, 7.02 MB, 154 pages, April 2009)

Testing

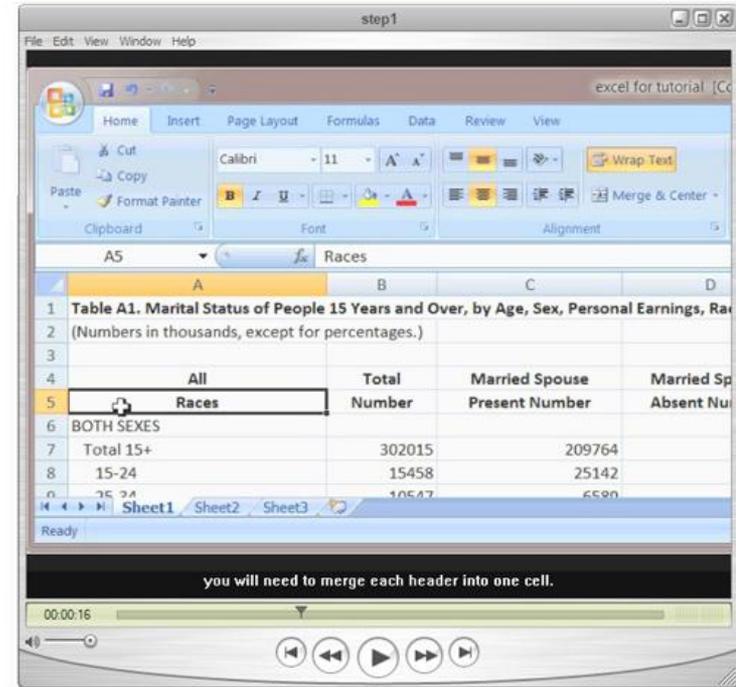
- [Checklist for Accessible PDF Documents](#)
(MS Word doc, 725 KB, 15 pages, April 2009)

<http://www.howto.gov/web-content/accessibility/create-accessible-pdfs>

ICSP Agency Training



We do know other agencies have potentially useful Section 508 training resources, such as the videos the U.S. Census Bureau is creating that provide short tutorials on production methods for creating accessible content.



Excel accessibility video created by Census Bureau staff

Non-ICSP Agency Training



Would be helpful for ICSP agencies to provide centralized resource for Section 508 training similar to the FAA Section 508 self-study course that can be accessed on-demand.

The screenshot displays the FAA website interface. At the top, the Federal Aviation Administration logo and name are visible, along with navigation links for 'FAA Home', 'About FAA', 'Jobs', and 'New'. A search bar is located to the right. Below the header, a dark blue navigation bar contains links for 'Aircraft', 'Airports', 'Air Traffic', 'Data & Research', 'Licenses & Certificates', and 'Regulations'. The main content area features a breadcrumb trail: 'FAA Home » Offices » Chief Information Officer (AIO) » Programs ». On the left, a sidebar lists 'Chief Information Officer (AIO)' with sub-links for 'Overview', 'Programs', and 'Library'. The main content area is titled 'FAA Section 508 Training (Self-Study)' and includes 'Print' and 'Email' icons. The text states: 'The Section 508 Training Team has developed five training modules aimed at increasing the understanding and application of Section 508 standards among the FAA staff. These modules provide information on:'. A bulleted list follows: 'Section 508 History', 'Procurement', 'Web Applications', 'Software', and 'Video and Multimedia'. Below this, a 'Section 508 History' section lists: 'Section 508 History Slides MS Word (MS Word)', 'Section 508 History Guide PDF', 'FAA Section 508 Compliance Plan (2003) PDF', and 'FAA Section 508 Compliance Plan (2005-2007) PDF'. A 'Procurement' section is partially visible at the bottom.

http://www.faa.gov/about/office_org/headquarters_offices/aio/programs/ites/sec_508/self_study/index.cfm

Non-ICSP Agency Training



The FAA training offers PowerPoint slide shows on accessible table design, forms, multimedia, and software design.

Table Design

Section 508 Requirements and
User Accessibility

General Government Training



For a fee, “HowTo.gov” offers a two-day course at the GSA’s One Constitution Square building on accessibility and Section 508. One of the benefits of this format is students have time for hands-on exercises with an instructor present.

The screenshot shows the HowTo.gov website interface. At the top, the logo "HowTo.gov" is displayed with the tagline "Helping agencies deliver a great customer experience". Navigation links include "HOME", "WEB CONTENT", "SOCIAL MEDIA", "CONTACT CENTERS", and "TECH SOLUTIONS". The breadcrumb trail reads "Home » Training » Course Catalog » Essentials of Accessibility/Section 508". A left-hand navigation menu lists: "TRAINING", "About DGU", "Upcoming Classes", "Registration & Payment", "Course Catalog" (highlighted), "Conferences", "On-Demand Training", and "Contact DGU". The main content area features the course title "Essentials of Accessibility/Section 508" with a "Register now!" button. Course details include: "Class Format: Two-Day Course", "Instructor: Sharron Rush", "Date: Tuesday–Wednesday, April 24-25, 2012", "Location: GSA—One Constitution Square", and "Fee: \$600 for Government, \$800 for non-Government". A "Course Description" section follows, stating the course is designed to familiarize or refresh users on Section 508 Accessibility Law and its integration into daily workflow, covering topics like global standards for graphics, HTML, ALT tags, and accessibility of electronic document formats (MS Office, Adobe PDF, Open Office).

<http://www.howto.gov/training/classes/essentials-of-accessibility>

General Government Training

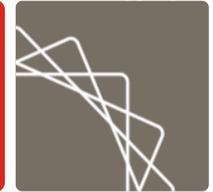


In addition,
“HowTo.gov” offers
free on-demand
courses, such as one
on “No FAIL
Accessibility Testing.”

The screenshot shows the HowTo.gov website interface. At the top, there is a blue header with the logo and the tagline "Helping agencies deliver a great customer experience". Below the header is a navigation menu with options: HOME, WEB CONTENT, SOCIAL MEDIA, CONTACT CENTERS, TECH SOLUTIONS, and C. The main content area shows a breadcrumb trail: Home » Training » Course Catalog » No FAIL Accessibility Testing. On the left, there is a blue sidebar menu with the following items: TRAINING, About DGU, Upcoming Classes, Registration & Payment, Course Catalog (highlighted), Conferences, On-Demand Training, and Contact DGU. The main content area displays the title "No FAIL Accessibility Testing" in red. Below the title, it lists the class format as "Webinar", the instructor as "Angela Hooker, GSA", and the date as "Wednesday, June 15, 2011". There is a section for "Archived Webinar" with the text: "This is an archived webinar. You can download this presentation free of charge." and a note: "NOTE: Large files will require extended time to download." Below this, there is a list of items: "Webinar Recording" with a sub-item "Webinar Recording (Windows Media Video file, 94 MB, 1.5 hours)" and a link "View on YouTube".

<http://www.howto.gov/training/classes/accessibility-testing>

General Government Training



“Section508.gov” is another site that offers on-demand Section 508 training. The website provides free classes on accessible websites, forms, and multimedia.

The screenshot shows the Section508.gov website interface. At the top, it says "An Official Website of The United States Government" and "Sunday, February 26, 2012". The main header features the "Section508.gov" logo with the tagline "Opening Doors to IT" and the subtitle "Resources for understanding and implementing Section 508". There is a search bar and a "Search" button. A navigation menu includes links for "Home", "About Us", "Feedback", "Contact", "Site Map", and "Help". A breadcrumb trail reads "You are here: Section 508 Universe Training > 508 Universe Training Courses". On the left, a sidebar menu lists various categories like "Laws", "Policies", "Regulations", "Section508 Standards", "Standards & Harmonization", "Tools and Resources", "508 Coordinators", "508 Roles - If You Are A...", "508 Practices", "BuyAccessible", and "508 Universe Training". The main content area is titled "508 Universe Training Courses" and lists several training topics, including "Accessible Conference", "Accessible Video and Multimedia", "Additional Accessibility & Usability Concerns", "Buying Accessible E & IT", "Building and Buying Accessible Software", "Buying Accessible Computers", "Buying Accessible Telecommunication Products", "Designing Accessible Web Sites", "Micro-purchases and Section 508", "Opening Closed Products", "Other Agency Resources", and "Section 508 Coordinators". Below this list, the "Accessible Conference (2 hours)" course is highlighted, with a brief description: "Have you been tasked with planning a conference that is accessible to everyone? This course will help you plan and/or host accessible meetings, conferences, etc. The guidelines provide you with what you need to know to comply with Sections 504 and 508 of the Rehabilitation Act. If you follow these guidelines, you will be showing 'good faith effort' and..."

<http://www.section508.gov/index.cfm?fuseAction=Training>

Commercial Training



Among affordable commercial training alternatives is the site “Lynda.com,” which many private sector companies use for on-demand training for their web teams.

The screenshot displays the Lynda.com website interface. At the top, there is a navigation bar with links for "Become a member", "products", "new", "support", "subscribe", "reactivate", and "log in". Below this is a search bar with the text "What would you like to learn?" and a "search" button. The main content area is divided into two columns. The left column features a "Latest releases" section with tabs for "All", "3D", "Audio", "Business", "Design", "Developer", "Photography", "Video", and "Web". Below the tabs are six course thumbnails, each with a play button icon and a title: "Dreamweaver and WordPress: Building Sites", "Up and Running with Java Applications", "Fixing Video Exposure Problems in Premiere Pro", "Social Media Marketing with Facebook and Twitter", "InDesign FX", and "Capture NX 2 Essential Training". The right column features a "Audio training, reengineered." section with a yellow audio waveform graphic. Below the graphic is the text "Scores of new courses on Pro Tools, Logic Pro, and the Foundations of Audio." and a "view all Audio courses" button. At the bottom of the right column is a "blog" section with the title "Using the jQuery UI library with Google's CDN" and the author "Ray Villalobos, lynda.com author | 2/25/12".

<http://www.lynda.com>

Commercial Training



Among the classes is a “Web Accessibility Principles” class for Dreamweaver, which gives an overview of Section 508 and the WCAG guidelines, and covers accessible layout, navigation, tables, forms, and deprecated accessibility techniques.

The screenshot shows the Lynda.com website interface. At the top, there is a navigation bar with links for 'Become a member', 'products', 'new', 'support', 'subscribe', 'reactivate', and 'log in'. Below this is a search bar with the text 'What would you like to learn?' and a 'search' button. The main content area features the course title 'Web Accessibility Principles' with a colorful abstract background image. Below the title, it lists the author 'Zoe Gillenwater', the release date '10/16/2007', the duration '06h 10m', and the level 'Appropriate for All'. There are also buttons for 'SHARE' and 'DVD Available', and a link for 'Advanced View'. A paragraph of text describes the course content, mentioning that it covers accessibility testing and standards-compliant markup and CSS. Below this is a promotional banner for 'Get immediate access to the entire library!' with 'learn more' and 'subscribe' buttons. A table of chapters is displayed, with columns for 'chapters', 'viewed', and 'duration'. The table lists 'Introduction' with sub-chapters 'Welcome' and 'Using the exercise files', and '1. Getting Started with Web Accessibility' with the sub-chapter 'What does accessibility mean?'. On the right side, there is a video player showing a woman with glasses, and a sidebar with links for 'Learn about lynda.com', 'Take a guided tour', and 'Watch member testimonials'. There is also a 'How to use lynda.com' button and a 'Ready to join?' section with a subscription dropdown and a link to 'Try free video tutorials'. At the bottom, there is a 'Members who watched this also viewed:' section with links to 'WordPress 3 Essential Training', 'Dreamweaver CS5 Essential Training', and 'Flash Professional CS5 Essential Training'.

lynda.com
subject software author
What would you like to learn? search

lynda.com » Online Training Library » Web Accessibility Principles

Web Accessibility Principles

Author: Zoe Gillenwater
Released: 10/16/2007 | Duration: 06h 10m | Level: Appropriate for All

SHARE | DVD Available | Advanced View

Accessibility on the web has been an issue for over a decade, and it remains a crucial--but often overlooked--element of web design. Instructor Zoe Gillenwater explains the concept of accessibility as it applies to the web, and describes how it affects the audience. She also covers how to set up accessibility testing, and how to apply accessibility principles to new and existing sites using standards-compliant markup and CSS. Exercise files accompany the tutorials.

Get immediate access to the entire library! [learn more](#) [subscribe](#)

chapters: [+ expand all](#) | [- collapse all](#)

chapters	viewed	duration
▼ Introduction		02m 00s
Welcome		01m 03s
Using the exercise files		00m 57s
▼ 1. Getting Started with Web Accessibility		33m 15s
What does accessibility mean?		05m 51s

Ready to join?
choose a subscription:
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Members who watched this also viewed:

- > WordPress 3 Essential Training
- > Dreamweaver CS5 Essential Training
- > Flash Professional CS5 Essential Training

Section 508 Production Software & Data Tables



In the Section 508 System Catalog form, Abt Associates learned the following regarding data tables:

- ICSP agencies use various types of production processes and software to produce accessible data tables. Software includes Dreamweaver (and Dreamweaver extensions), InDesign, Excel, SAS, Acrobat, CommonLook, and custom software and custom extensions created for the agencies both by employees and contractors.

Section 508 Production Software & Data Tables



- Several agencies report that accessible HTML data tables are the ultimate goal. If they have accessible HTML content, they do not work to make their PDF content accessible (only need one accessible version).

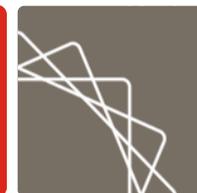
Section 508 Production Software & Data Tables



ICSP agencies report that when creating accessible HTML data tables, they need to do the following:

- Improve efficiency of repetitive coding tasks
- Effectively tag table headers for multiple levels of nested tables, sometimes with hundreds of thousands of rows
- Find replacement for table tagging methods that are now outdated or no longer compatible with new software products

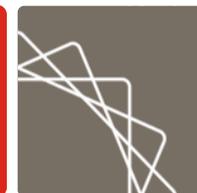
Census Bureau American FactFinder



New “American FactFinder” website was built with an eye toward accessibility for large amounts of data.

The screenshot displays the American FactFinder website interface. At the top, the U.S. Census Bureau logo is visible. Below it, the "AMERICAN FactFinder" logo is prominently displayed. A navigation bar includes links for "MAIN", "SEARCH", "WHAT WE PROVIDE", and "USING FACTFINDER". Language options for "English" and "Español" are also present. The main content area features a search box with a magnifying glass icon and a map of the United States in the background. A sidebar on the left offers various search filters: "Your Selections" (currently empty), "Search using the options below:", "Topics" (age, income, year, dataset, ...), "Geographies" (states, counties, places, ...), "Race and Ethnic Groups" (race, ancestry, tribe), and "Industry Codes" (NAICS industry, ...). Below these is a section for "Getting Detailed Data" which lists available data types, including the "Decennial Census". The central area contains a "Quick Start" section with a search form for "topic or table name" and "state, county or place (optional)", along with radio buttons for "topics", "race/ancestry", and "industries". A "GO" button is provided. A "News and Notes" section at the bottom left mentions a release of Summary File 2 data. On the right side, there is a "U.S. Population Clock" showing the time as 03:12 UTC (EST+5) on Feb 27, 2012, and a population count of 313,087,648. Below this is a "Reference Maps" section and an "Address Search" section.

Census Bureau American FactFinder



“American FactFinder” features accessible data tables created on the fly based on filters chosen by users.

Are there solutions within the American FactFinder site that could aid other agencies in their production of accessible HTML data tables?