

## Accessibility and Section 508 – cross-referenced with – WCAG 1.0

<b>Section 508 Standard §1194.22</b> <a href="http://www.section508.gov/">http://www.section508.gov/</a> <a href="http://www.webaim.org/standards/508/checklist">http://www.webaim.org/standards/508/checklist</a>	<b>W3C WCAG 1.0 Checklist</b> <a href="http://www.w3.org/TR/WAI-WEBCONTENT/full-checklist.html">http://www.w3.org/TR/WAI-WEBCONTENT/full-checklist.html</a>
(a) A text equivalent for every non-text element shall be provided (e.g., via " <b>alt</b> ", "longdesc", or in element content).	P1(1.1) Provide a text equivalent for every non-text element (e.g., via " <b>alt</b> ", "longdesc", or in element content). This includes: images, graphical representations of text (including symbols), image map regions, animations (e.g., animated GIFs), applets and programmatic objects, ascii art, frames, scripts, images used as list bullets, spacers, graphical buttons, sounds (played with or without user interaction), stand-alone audio files, audio tracks of video, and video.
(b) Equivalent alternatives for any <b>multimedia presentation</b> shall be <b>synchronized</b> with the presentation.	P1(1.4) For any time-based <b>multimedia presentation</b> (e.g., a movie or animation), <b>synchronize</b> equivalent alternatives (e.g., captions or auditory descriptions of the visual track) with the presentation.
(c) Web pages shall be designed so that all <b>information conveyed with color</b> is also available without color, for example from context or markup.	P1(2.1) Ensure that all <b>information conveyed with color</b> is also available without color, for example from context or markup.
(d) Documents shall be organized so they are readable without requiring an associated <b>style sheet</b> .	P1(6.1) Organize documents so they may be read without <b>style sheets</b> . For example, when an HTML document is rendered without associated style sheets, it must still be possible to read the document. P2(3.3) Use <b>style sheets</b> to control layout and presentation.
(e) Redundant text links shall be provided for each active region of a server-side <b>image map</b> .	P1(1.2) Provide redundant text links for each active region of a server-side <b>image map</b> .
(f) Client-side <b>image maps</b> shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.	P1(9.1) Provide client-side <b>image maps</b> instead of server-side image maps except where the regions cannot be defined with an available geometric shape.
(g) Row and column headers shall be identified for <b>data tables</b> .	P1(5.1) For <b>data tables</b> , identify row and column headers.
(h) Markup shall be used to associate data cells and header cells for <b>data tables</b> that have two or more logical levels of row or column headers.	P1(5.2) For <b>data tables</b> that have two or more logical levels of row or column headers, use markup to associate data cells and header cells.
(i) <b>Frames</b> shall be titled with text that facilitates frame identification and navigation.	P1(12.1) Title each <b>frame</b> to facilitate frame identification and navigation.
(j) Pages shall be designed to avoid causing the screen to <b>flicker</b> with a frequency greater than 2 Hz and lower than 55 Hz.	P1(7.1) Until user agents allow users to control <b>flickering</b> , avoid causing the screen to flicker.
(k) A <b>text-only page</b> , with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	P1(11.4) If, after best efforts, you cannot create an accessible page, provide a link to an <b>alternative page that uses W3C technologies</b> , is accessible, has equivalent information (or functionality), and is updated as often as the inaccessible (original) page. P1(1.3) Until user agents can automatically read aloud the text equivalent of a visual track, provide an <b>auditory description</b> of the important information of the visual track of a multimedia presentation.

(l) When pages utilize <b>scripting</b> languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by assistive technology.	P1(6.3) Ensure that pages are usable when <b>scripts, applets</b> , or other programmatic objects are turned off or not supported. If this is not possible, provide equivalent information on an alternative accessible page. P1(8.1) Make programmatic elements such as <b>scripts and applets</b> directly accessible or compatible with assistive technologies.
(m) When a web page requires that an <b>applet, plug-in</b> or other application be present on the client system to interpret page content, the page must <b>provide a link</b> to a plug-in or applet that complies with §1194.21(a) through (l).	
(n) When electronic <b>forms</b> are designed to be completed on-line, the form shall allow people using assistive technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	P2(10.2) Until user agents support explicit associations between <b>labels</b> and form controls, for all <b>form</b> controls with implicitly associated labels, ensure that the label is properly positioned. P2(12.4) Associate <b>labels</b> explicitly with their controls.
(o) A method shall be provided that permits users to <b>skip repetitive navigation</b> links.	P3(13.6) <b>Group related links</b> , identify the group (for user agents), and, until user agents do so, provide a way to <b>bypass the group</b> .
(p) When a <b>timed response</b> is required, the user shall be alerted and given sufficient time to indicate more time is required.	
	P1(4.1) Clearly identify changes in the <b>natural language</b> of a document's text and any text equivalents (e.g., captions). P3(4.3) Identify the primary natural <b>language</b> of a document.
	P1(14.1) Use the <b>clearest and simplest language</b> appropriate for a site's content.

<b>Section 508 Standard §1194.21</b> <a href="http://www.webaim.org/standards/508/checklist">http://www.webaim.org/standards/508/checklist</a>	<b>More California information:</b> <a href="http://webtools.ca.gov/Accessibility/">http://webtools.ca.gov/Accessibility/</a>
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a <b>keyboard</b> where the function itself or the result of performing a function can be discerned textually.	<b>Section 508</b> in 1998 <b>W3C's WCAG 1.0</b> in 1999

## Section 508 Refresh – will harmonize with – WCAG 2.0

<b>Section 508 Refresh</b> in 2012 ? <a href="http://www.access-board.gov/sec508/refresh/report/#82">http://www.access-board.gov/sec508/refresh/report/#82</a>	<b>W3C's WCAG 2.0</b> in 2008 <a href="http://www.w3.org/TR/WCAG20/#guidelines">http://www.w3.org/TR/WCAG20/#guidelines</a>
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