http://xfusionsafekids.org/ - Section 508

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Group	All issues
Section 508	0

Section 508 guidelines for web applications as described at the US Access Board web site.

- 1194.22(n)

  When electronic forms 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.

  - n.6 Identify all INPUT elements that uses the 'plac...

    The placeholder attribute represents a short hint (a word or short phrase) intended to aid the user with data entry. A hint could be a sample value or a brief deion of the expected format. The placeholder text gets removed as the form is being filled out and forms needs to be usable even when placeholder text is not there.

    - INPUT element contains placeholder attribute.
      - http://xfusionsafekids.org/
        - Line 126, column 25, INPUT element
  - n.2 All INPUT elements are required to contain the ...

    All visible INPUT elements must have a label, either by using a linked or containing LABEL element, or by using the ALT or TITLE attribute. Buttons are considered to be self-labeling.

    - All INPUT elements are labelled.
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  - n.3 Associate labels explicitly with their controls...

    All SELECT elements must have a label, either by using a linked or containing LABEL element, or by using the TITLE or ALT attribute.

    - No SELECT elements without explicit labels were found.
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  - n.1 Identify all LABEL elements used within FORM el...

    Until user agents support explicit associations between labels and form controls, for all form controls with implicitly associated labels, ensure that the label is properly positioned.

    - Page does not contain FORM elements.
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  - n.4 Associate labels explicitly with their controls...

    All TEXTAREA elements must have a label, either by using a linked or containing LABEL element, or by using the TITLE or ALT attribute.

    - No TEXTAREA elements were found.
      - http://xfusionsafekids.org/
  - n.5 Ensure that all LABEL 'FOR' attributes match an...
    - No LABEL 'FOR' attribute found on page.
      - http://xfusionsafekids.org/
  - n.7 Ensure that all elements that have a 'Role' att...
    - No elements have role=application on page.
      - http://xfusionsafekids.org/
  - n.8 Ensure that elements with the 'Required' attrib...
    - No elements have required attribute.
      - http://xfusionsafekids.org/
  - n.9 Ensure that elements that have the 'Role' attri...
    - No elements have role attribute with value of checkbox or radio.
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- 1194.22(c)

  Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.

  - c.1 Ensure that all information conveyed with color...

    This check identifies pages that potentially require color for visual checking.

- Page references an external style-sheet. Visual check required.
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- 1194.22(d)

  Documents shall be organized so they are readable without requiring an associated style sheet.

  - d.1 Organize documents so they may be read without ...

    Organize documents so they may be read without style sheets. For example, when an HTML document is rendered without associated style sheets, it must still be possible to read the page.

    - Page uses an external style sheet. Verify that the page can be read without it.
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  - d.2 Ensure Color and background color may be specif...

    Users with vision loss or cognitive challenges often require specific foreground (text) and background color combinations. For instance, many people with low vision find it much easier to see a Web page that has white text on a black background, so they may have set their user agent to create this contrast. If the author specifies that the text must be black, then it may override the settings of the user agent and render a page that has black text (specified by the author) on black background (that was set in the user agent). This principle also works in reverse. If the Webmaster forces the background to be white, then the white background specified by the author would be the same color as the white text (which was set in the user agent) rendering the page unusable to the user. Therefore, if the author specifies a foreground (text) color then they should also specify a background color which has sufficient contrast (link) with the foreground and vice versa.

    - Page contain no elements that specific foreground color but no background color or vice versa
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  - d.3 Making the DOM order match the visual order.
    - Page does not use absolute positioning
      - http://xfusionsafekids.org/

- 1194.22(j)

  Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.

  - j.2 Until user agents allow users to control blinki...
    - Page may contain elements that cause blinking.
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  - j.1 Pages are required not to contain the BLINK ele...
    - Page does not contain a BLINK element.
      - http://xfusionsafekids.org/

- 1194.22(k)

  A text-only page, 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.

  - k.1 Check for a 'Text Only Version' link that provi...

    If a Text Only Equivalent of a page is provided it must be updated every time the primary content changes. This checkpoint typically gets marked N/A because there are sufficient techniques for making complex web content accessible. This checkpoint may need to be customized.

    - Verify if text only version is necessary for page
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- 1194.22(l)

  When pages utilize ing languages to display content, or to create interface elements, the information provided by the shall be identified with functional text that can be read by assistive technology.

  - l.1 Verify information provided by scripts shall be...
    - Verify that script is invokable or have textual representation
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  - l.2 When SCRIPT elements are used, the NOSCRIPT ele...
    - Both SCRIPT are NOSCRIPT elements are present.
      - http://xfusionsafekids.org/
  - l.3 Ensure that all anchor elements that use JavaSc...
    - Page does not have A link element which has href contain javascript.
      - http://xfusionsafekids.org/

- 1194.22(o)

A method shall be provided that permits users to skip repetitive navigation links.

- o.1 Pages should contain a bookmark link to skip na...
  - This checkpoint may require customization.
  - Page has no skip navigation link, but has no significant content.
    - http://xfusionsafekids.org/

- 1194.22(p)
  - When a timed response is required, the user shall be ed and given sufficient time to indicate more time is required
  - p.2 Allow users to complete an activity without any...
    - The objective of this technique is to provide users with all the time they need to complete an activity. This technique involves providing a specified activity which does not require timed interaction. Users are allowed as much time as they need to interact with the activity.
    - Verify purpose of timeout. Usability test to ensure that user can complete activity without time limit
      - http://xfusionsafekids.org/
        - Line 12, column 5, SCRIPT element, SRC = "https://use.fontawesome.com/77085c3a70.js"
        - Line 360, column 5, SCRIPT element, SRC = "http://xfusions...ids.org/scripts/jquery-1.11.3.js"
        - Line 361, column 5, SCRIPT element, SRC = "http://xfusionsafekids.org/scripts/bootstrap.js"
  - p.1 Pages are required not to use the META element ...
    - Until user agents provide the ability to stop the refresh, do not create periodically auto-refreshing pages.
    - Page does not contain the META element.
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- 1194.22(a)
  - A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).
  - a.1 All IMG elements are required to contain either...
    - The ALT or LONGDESC attribute is used by user agents to supply information about an image when images cannot be shown.
    - All IMG elements have valid ALT attributes.
      - http://xfusionsafekids.org/
  - a.2 All APPLET elements are required to contain bot...
    - APPLET elements provide functionality that is not available to all users. Either the element content or the ALT attribute are used to describe the purpose of the applet, depending on the user agent.
    - No APPLET elements found.
      - http://xfusionsafekids.org/
  - a.3 When EMBED elements are used, the NOEMBED eleme...
    - EMBED elements present functionality not available to all users. The NOEMBED element can be used to provide a deion. ARIA attributes can be use as an alternative of NOEMBED element for providing deion.
    - Page does not have EMBED elements.
      - http://xfusionsafekids.org/
  - a.4 All OBJECT elements are required to contain ele...
    - OBJECT elements typically use technologies that are not available to all users. The element content is used to describe the purpose of the object/applet.
    - Page does not have OBJECT elements.
      - http://xfusionsafekids.org/
  - a.5 All SVG elements require a 'Title' or 'Desc' el...
    - SVG elements requires title or desc child elements or ARIA attributes which describe purpose of element.
    - Page doesn't have SVG elements.
      - http://xfusionsafekids.org/
  - a.6 All IFRAME elements that contain non-text conte...
    - Page does not have IFRAME elements which contains non-text content.
      - http://xfusionsafekids.org/
  - a.7 All FIGURE elements require a 'figcaption' tag ...
    - Figcaption contains describe the purpose of the figure or any other element which is inside figure element.
    - No Figure elements found.
      - http://xfusionsafekids.org/

- 1194.22(e)
  > Redundant text links shall be provided for each active region of a server-side image map.
  - e.2 No INPUT element should contain the USEMAP attr...
    - No INPUT element contains an USEMAP attribute.
      - http://xfusionsafekids.org/
  - e.1 Locate any IMG element that contains the ISMAP ...
    > If you must use a server-side image map, provide redundant text links for each active region. You should use client-side image maps where possible.
    - Page does not use server-side maps.
      - http://xfusionsafekids.org/
- 1194.22(f)
  > Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.
  - f.2 No IMG element should contain the ISMAP attribute.
    - No IMG element contains an ISMAP attribute.
      - http://xfusionsafekids.org/
  - f.3 No INPUT element should contain the ISMAP attri...
    - No INPUT element contains an ISMAP attribute.
      - http://xfusionsafekids.org/
  - f.1 All AREA elements are required to have the ALT ...
    > Client-side image maps present functionality that is not available to all users. The ALT attribute can be used for AREA elements to provide a text equivalent.
    - Page has no AREA elements.
      - http://xfusionsafekids.org/
- 1194.22(b)
  > Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.
  - b.1 Identify all OBJECT Elements that have a multim...
    > For any time-based multimedia presentation (e.g., a movie or animation), synchronize equivalent alternatives (e.g., captions or auditory deions of the visual track) with the presentation.
    - Page does not contain OBJECT elements using known multimedia MIME type as type attribute value.
      - http://xfusionsafekids.org/
  - b.2 Identify all OBJECT Elements that have a DATA a...
    - Page does not contain OBJECT elements using known multimedia file extensions.
      - http://xfusionsafekids.org/
  - b.3 Identify all EMBED elements that have a SRC att...
    - Page does not contain EMBED elements using a known multimedia file extension.
      - http://xfusionsafekids.org/
  - b.4 Identify all links that have an HREF attribute ...
    > For any time-based multimedia presentation (e.g., a movie or animation), synchronize equivalent alternatives (e.g., captions or auditory deions of the visual track) with the presentation.
    - Page does not contain links referring to any known multimedia file extension.
      - http://xfusionsafekids.org/
  - b.5 Identify all VIDEO or AUDIO elements that have ...
    - Page does not contain video or Audio elements.
      - http://xfusionsafekids.org/
  - b.6 Identify all IFRAME elements that have a SRC at...
    - Page does not contain IFRAME elements with external known webpage's video.
      - http://xfusionsafekids.org/
- 1194.22(g)
  > Row and column headers shall be identified for data tables.
  - g.1 For data tables, identify row and column headers.
    > This check identifies data tables that do not have any TH elements. Data tables are recognised as having a border attribute greater than 0. Tables with no border require a visual check, unless they contain input, image or child table elements, or cells with long text, indicating they are most likely layout tables.
    - Page contains no tables.

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- 1194.22(h)

  Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.

  - h.1 For data tables that have two or more logical l...

    Describe the table structure using the SUMMARY attribute or ARIA attributes. Identify structural groups of rows using THEAD, TFOOT, TBODY, COLGROUP and COL. Label table elements with the "scope", "headers", and "axis" attributes to assist user agents.

    - Page does not contain complex data tables.
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- 1194.22(i)

  Frames shall be titled with text that facilitates frame identification and navigation

  - i.1 All IFRAME elements are required to contain ele...

    IFRAME elements provide functionality that is not available to all users. The element content should describe the purpose of the IFRAME.

    - Page does not have IFRAME elements.
      - http://xfusionsafekids.org/
  - i.2 All FRAME elements are required to contain the ...
    - No FRAME elements found in document body.
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  - i.3 All FRAMESET elements will be checked for the N...

    Pages with frames are not available to all users. The NOFRAMES element should used to provide an alternative.

    - Page does not have FRAMESET elements.
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- 1194.22(m)

  When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with §1194.21(a) through (l).

  - m.1 All pages that have links to files that require...

    This checkpoint may require customization.

    - Page does not contain links to files known to require a special reader.
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Total	**0**