Accessibility and 508

Section 508 Standard §1194.22

Section 508 Standard §1194.21

W3C's WCAG 1.0 & 2.0

California Standards

State of California adopted 508 in 2003

State (IOUCA) standards adopted in 2006 are for 508 and WCAG 1.0 Priority 1 & 2

http://webtools.ca.gov/Accessibility/

Section 508 Standard §1194.22 (a)

`<img alt="description" />`
`<input type="image" alt=" description " />`

`<img longdesc="url.htm" />`*
`<a href ="url.htm"><img longdesc="url.htm" /></a>`

Images that contain content (text) **must match exactly**
with the ALT attribute text - to convey same information.

*If ALT text will be more than 150 characters –
use longdesc attribute to a new url.

Section 508 Standard §1194.22 (b)

Transcript of the dialog must appear in **captions** – at the same time (synchronized) the dialog occurs – like closed or open captions.
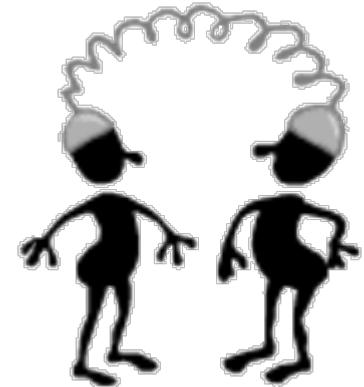
Section 508 Standard §1194.22 (c)

Red asterisks***** for "Required" fields uses the asterisk***** as well as **red color** to make it known that something is "Required"

Section 508 Standard §1194.22 (d)

Yes - duh!

Section 508 Standard §1194.22 (e&f)

If – image map – also make a
list of links (text)

(separate links with more than a space _{priority 3})

El Dorado | Placer | Sacramento | Yolo

Section 508 Standard §1194.22 (g)

```
<table border="1">
  <tr>
    <th id="name" scope="col">Name</th>
    <th id="type" scope="col">Type of Coffee</th>
    <th id="cups" scope="col">Cups</th>
  </tr>
  <tr>
    <td headers="name">Ernie</td>
    <td headers="type">Espresso</td>
    <td headers="cups">10</td>
  </tr>
  <tr>
    <td headers="name">David</td>
    <td headers="type">Decaf</td>
    <td headers="cups">5</td>
  </tr>
</table>
```

Name	Type of Coffee	Cups
Ernie	Espresso	10
David	Decaf	5

Section 508 Standard §1194.22 (h)

```html
<table border="1">
  <tr>
    <th id="time" scope="col">time</th>
    <th id="monday" scope="col">Monday</th>
    <th id="tuesday" scope="col">Tuesday</th>
    <th id="wednesday" scope="col">Wednesday</th>
  </tr>
  <tr>
    <th id="9" scope="row">9:00 am</th>
    <td headers="9 monday"></td>
    <td headers="9 tuesday">Meeting Clients</td>
    <td headers="9 wednesday"></td>
  </tr>
  <tr>
    <th id="10" scope="row">10:00 am</th>
    <td headers="10 monday">Meeting Personnel</td>
    <td headers="10 tuesday"></td>
    <td headers="10 wednesday"></td>
  </tr>
  <tr>
    <th id="11" scope="row">11:00 am</th>
    <td headers="11 monday"></td>
    <td headers="11 tuesday"></td>
    <td headers="11 wednesday">Meeting Managers</td>
  </tr>
</table>
```

Time	Monday	Tuesday	Wednesday
9:00 am		Meeting Clients	
10:00 am	Meeting Personnel		
11:00 am			Meeting Managers

Section 508 Standard §1194.22 (i-k)

(i) Avoid Frames

(j) Add "**Pause**" button or control

to stop animation or movement.

(k) Add text-only page when

no other solution is available.

Section 508 Standard §1194.22 (l)

Scripts – javascript, jquery, ajax...

Test with javascript **turned off**, and with "**Fangs**" a screen reader emulator (Firefox Extension)

Section 508 Standard §1194.22 (m)

Get free Acrobat PDF Reader

http://get.adobe.com/reader/

Get free Adobe Flash Player

http://get.adobe.com/flashplayer/

# Section 508 Standard §1194.22 (n)

`<label for="must_match"></label>`

`<input id="must_match" />`
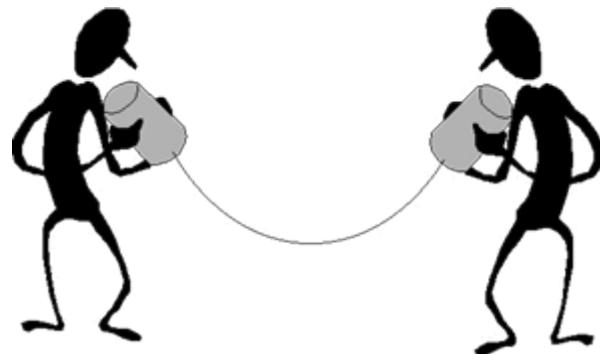
Section 508 Standard §1194.22 (o)

"Skip" should be **first link** on each page – that has repetitive navigation.

Section 508 Standard §1194.22 (p)

Avoid timed responses
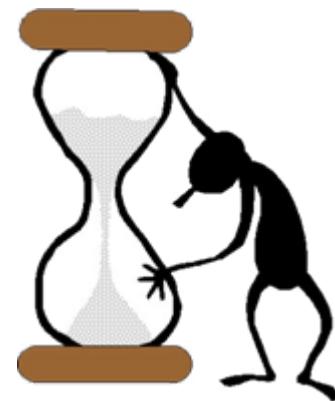
W3C's WGAG 1.0 – Priority 1's
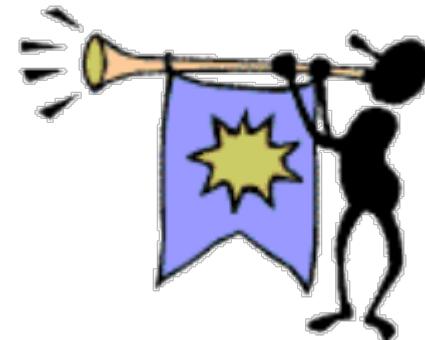
<html **lang**="en"> (Priority 3)

Simple Measure of Gobbledygook (SMOG) Calculator

http://www.harrymclaughlin.com/SMOG.htm

Section 508 Standard §1194.21 (a)

Must be able to use (keyboard only) **tab**, **enter**, **up** & **down arrow keys**, etc. to navigate website or application.

Section 508 adopted in 1998

W3C's WCAG 1.0 in 1999

W3C's WCAG 2.0 in 2008

Section 508 Refresh in 2012?

W3C's WGAG 2.0 – Principles

Principle 1: Perceivable - Information and user interface components must be presentable to users in ways they can perceive.

Principle 2: Operable - User interface components and navigation must be operable.

Principle 3: Understandable - Information and the operation of user interface must be understandable.

Principle 4: Robust - Content must be robust enough that it can be interpreted reliably by a wide variety of user agents, including assistive technologies.

http://www.w3.org/TR/WCAG20/#guidelines

Questions?

http://webtools.ca.gov/Accessibility/