



How to make your website accessible

BROWARD COUNTY PUBLIC SCHOOLS

What is web accessibility?

- Web accessibility simply means that anyone with disabilities should be able to perceive, comprehend, navigate and interact with your website.
- There are four major categories of disabilities:
 - *Visual Blind, low-vision, color blindness*
 - *Hearing Partial, or total hearing impairment*
 - *Motor Impairments to any physical movement*
 - *Cognitive Learning disorders*
- The district will be following the Web Content Accessibility Guidelines (WCAG) 2.0 AA standards.

What is WCAG 2.0?

- Web Content Accessibility Guidelines (WCAG) 2.0 is a technical standard created by the World Wide Web Consortium (W3C) an international community that develops open standards for the internet.
- The WCAG 2.0 standards state that all electronic and information technology must be accessible to people with disabilities.
- WCAG 2.0 Standards Levels:
 - **Level A** (minimum): the most basic web accessibility features
 - **Level AA** (mid-range): deals with the biggest and most common barriers for disabled users. *WCAG 2.0 AA are the standards followed by the district.*
 - **Level AAA** (highest): the highest level of web accessibility

Tips on how to make your website ADA compliant 1

- Contrast and colors
 - Backgrounds should not compete with buttons, links, text on images or any web page elements.
 - Color contrast checker: <http://webaim.org/resources/contrastchecker>
 - Web Color Palette: [BCPS Website Color Guide](#)
- Using semantics
 - Use friendly, easy-to-understand words rather than sometimes cryptic code to describe pages and content.
- Text alternatives
 - Any and all non-text content such as images, video and audio need clear and concise descriptions.
- Navigation with keyboard
 - Not everyone can use a mouse, so your website needs to be navigable using only the tab, arrow and return keys.
 - A 'skip navigation' option is also required.

Tips on how to make your website ADA compliant 2

- Easy to find information
 - Proper heading structure and titles, alt text, and descriptive link text help with search.
- Properly formatting tables
 - All rows and columns need to be labeled.
 - Tables must be formatted to advance one cell at a time when navigating.
- Making PDFs accessible
 - All PDFs and the non-text elements with them need to be tagged properly.
 - PDF Accessibility: <http://webaim.org/techniques/acrobat/acrobat>
- Making videos accessible
 - Closed captioning and detail descriptions of the action are required.

Other related requirements

- *No flashing or flickering*
- *Timers*
 - While sometimes a timed connection is required (e.g., for a transaction), it is best to avoid them.
- *No Fly-out menus*
- *No pop-ups windows*

Questions to ask yourself when updating your site

- Is the content organized? Does it flow from top to bottom or left to right?
- Can I navigate my website just using the keyboard?
- Do page titles, headings, buttons and links have descriptive names?
- Is there enough contrast in my website colors?
- Do I have descriptive alt tags for every image on my site?
- Do I have transcripts and closed-captioning for videos?
- Are all linked PDF files optimized for ADA?
- Is my page considerate of different disabilities?

Accessibility Tools

- WebAIM
<https://webaim.org/>
- Web Accessibility Tool
<http://wave.webaim.org/>
- Color Contrast Checker
<https://webaim.org/resources/contrastchecker/>
- Broward County Public Schools Web Color Palette
<https://www.browardschools1.com/Page/34676>