Accessibility Testing at FLVC

June 9, 2016
Agenda

--Section 508/ADA
--The W3C (http://www.w3.org/)
--Accessibility Checker Tool
--Color Contrast Tool
Background of ADA Compliance Law

• Federal law
  – 1998 amendment to the Rehabilitation Act to require Federal agencies to make their electronic and information technology accessible to people with disabilities. Under Section 508 (29 U.S.C. 794d), agencies must give disabled employees and members of the public access to information that is comparable to the access available to others.

• Florida law
  – Florida Statute mirrors Federal law (Fl. Statute 282.601)
World Wide Web Consortium (W3C)
Web Accessibility Initiative

Web Accessibility Initiative (WAI)

Highlights

New Videos: Perspectives on Web Accessibility -- Essential for Some, Useful for All

Web Accessibility Perspectives explores the impact of accessibility for people with disabilities and the benefits for everyone. This resource introduces 10 web accessibility topics with short videos, brief descriptions, and links to learn more. The videos relate the benefits of accessibility to everyone in different situations, and encourage viewers to learn more about web accessibility. (2016-May-17)

For Review: Accessibility Requirements for People with Low Vision - First Public Working Draft

WAI invites you to review the Accessibility Requirements for People with Low Vision Working Draft. This document describes what people with low vision need for electronic content, tools, and technologies to be accessible. It includes an overview of low vision and describes specific user needs. It does not set technical requirements. It provides the background for planned future work on guidance for making web content, tools, and technologies accessible to people with low vision. Please send comments by 14 April 2016. (2016-03-17)
Web Accessibility Evaluation Tools List

Web accessibility evaluation tools are software programs or online services that help you determine if web content meets accessibility guidelines. This page provides a list of evaluation tools that you can filter to find ones that match your particular needs. To determine what kind of tool you need and how they are able to assist you, see Selecting Web Accessibility Evaluation Tools.

Information on this page is provided by vendors and others. W3C does not endorse specific products. See Important Disclaimer.

Showing 75 tools

**508 Checker by Formstack**

With 508checker.com you can quickly check a webpage for 508 compliance and learn more about how to become 508 compliant across your entire organization.


**A-Tester by Evaluera Ltd**

A-Tester checks the pre-enhanced version of a web page designed with progressive enhancement against Evaluera’s “WCAG 2.0 Level-AA conformance statements for HTML5 foundation markup” making a report that can serve as a broad and easily confirmed WCAG 2.0 Level-AA claim, even for enhanced versions.

http://www.evaluera.co.uk, Released: 2014-May-28

**A11Y Compliance Platform by Bureau of Internet Accessibility**

Tools, reports and services to help organizations achieve, maintain and defend the accessibility of their organization’s websites. Standards and guidelines used includes Section 508, Web Content Accessibility Guidelines (WCAG) & Americans with Disabilities (ADA)
Welcome to Achecker. This tool checks single HTML pages for conformance with accessibility standards to ensure the content can be accessed by everyone. See the Handbook link to the upper right for more about the Web Accessibility Checker.

Translate to English | German | Italiano

Web site engine's code is copyright © 2011
Example from a III Interface
Results from the Checker

Check Accessibility By:
- Web Page URL
- HTML File Upload
- Paste HTML Markup

Address: http://encore.langara.bc.ca/iii/encore/?lang=eng

Options:
- Enable HTML Validator
- Enable CSS Validator
- Show Source

Guidelines to Check Against:
- BITV 1.0 (Level 2)
- WCAG 1.0 (Level A)
- WCAG 2.0 (Level A)
- Section 508
- WCAG 1.0 (Level AA)
- WCAG 2.0 (Level AA)
- Stanca Act
- WCAG 1.0 (Level AAA)
- WCAG 2.0 (Level AAA)

Report Format:
- View by Guideline
- View by Line Number

Accessibility Review:

Known Problems (1)
Likely Problems (2)
Potential Problems (7)
HTML Validation
CSS Validation

Check 90: *script must have a noscript section.*

Repair: Add a noscript section immediately following the script that provides the same functionality as the script.
Color Contrast Analyzer

The Colour Contrast Analyser is compatible with the Web Content Accessibility Guidelines version 2 (WCAG 2.0). The tool was developed by JUN of the Web Accessibility Tools Consortium in collaboration with Vision Australia and Steve Faulkner of The Paciello Group (Europe).

Download Colour Contrast Analyser
Using the Colour Contrast Analyser

What is the Colour Contrast Analyser?
It is primarily a tool for checking foreground & background colour combinations to determine if they provide good colour visibility. It also contains functionality to create simulations of certain visual conditions such as colour blindness.

The contrast ratio helps determine whether or not the contrast between two colours can be read by people with colour blindness or other visual impairments.
Contrast Analyzer Results
III’s Response to Accessibility

• Information included in their proposal
  – Discusses:
    • ADA Compliance
    • Interface Design and Integration
  – Mentions a VPAT
Thank you!