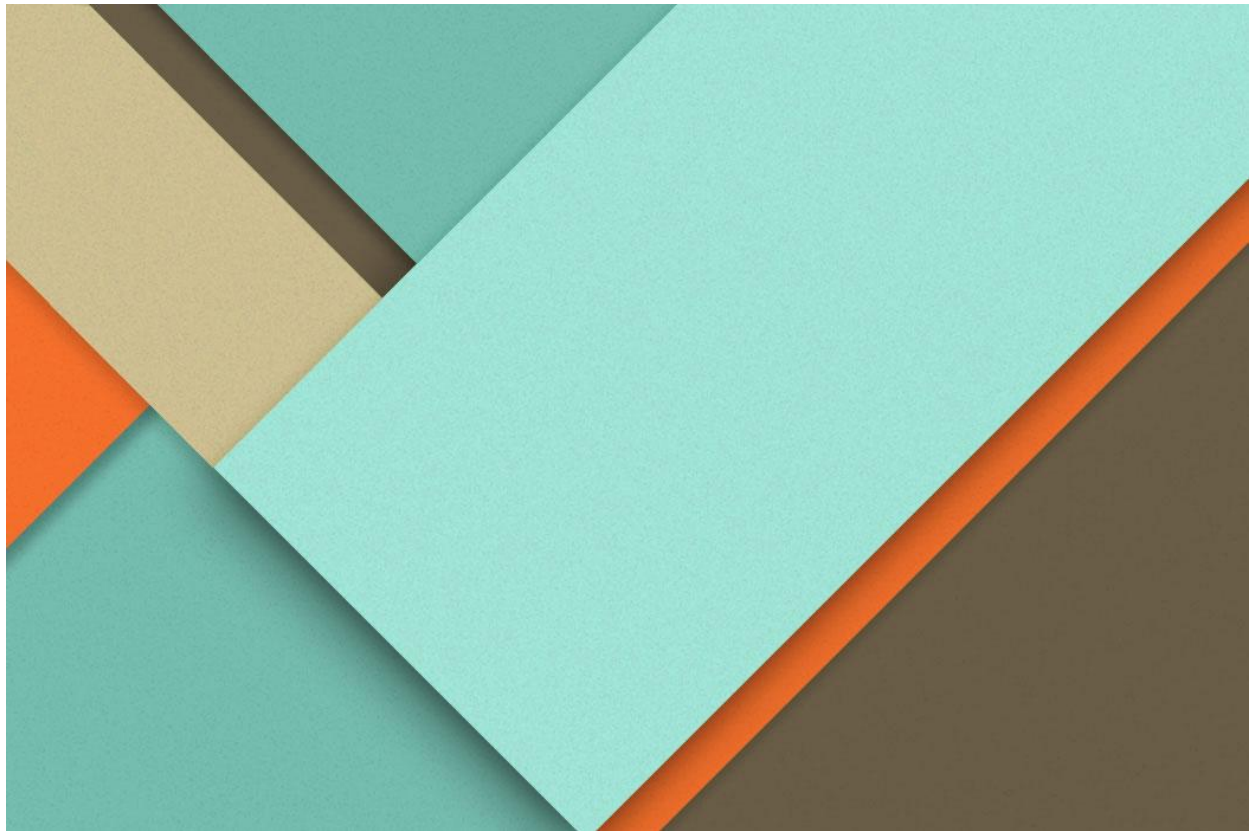




Accessibility Report

Free Lunch Academy website

05.14.2019

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Executive Summary

I have conducted accessibility testing for the Free Lunch Academy website (freelunchacademy.com). The visual design passes contrast and color-blindness simulator testing. The ARIA framework is used to identify links for navigation. The default human language of each Web page has been correctly programmatically determined in the head of the code with lang="en-US".

Unfortunately, there are accessibility problems on the site. The areas needing improvement relate to access for people who are deaf or hard of hearing, people with dexterity issues or who use keyboard controls for navigation, and people who are blind or have low vision and use screen reader software. The bypass blocks connected to the top navbar menu selections are very small, causing a rapid, jerky animation jump to the linked areas of the website.

Methods and Tools

The following tools and methods have been used for my testing in this report:

Accessibility standards from W3C WCAG WAI 2.0 – 2.1

<https://www.w3.org/WAI/WCAG21/quickref/>

WebAIM standards for screen readers

<https://webaim.org/techniques/screenreader/>

WebAIM Contrast Checker tool

<https://webaim.org/resources/contrastchecker/>

WAI-ARIA Overview

<https://www.w3.org/WAI/standards-guidelines/aria/>

Readability of text testing tool

<http://www.readabilityformulas.com/free-readability-formula-tests.php>

HTML code validation

<https://validator.w3.org/>

Color-blindness testing tool

<https://www.color-blindness.com/coblis-color-blindness-simulator/>

Accessibility Issues

The POUR method for whether or not website elements are Perceivable, Operable, Understandable, and Robust have been combined with strategies listed above in Methods and Tools for a complete accessibility assessment.

Perceivable

1.1.2 Non-Text Content Level A – The <alt> text for the crest logo on the homepage is “Free-Lunch_est_2012” and does not describe the image as a logo. Our Partners image icons for donors have missing or incorrect <alt> text where they are used except for Parkway Ballroom. Improving Our Schools event for Comcast Cares day is an image with text with no <alt> alternative text. Top image in News for Free Lunch Academy Summer 16 Ambassadors has no <alt> text. Image for Greetings Everyone blog post 8/12/2016 is missing <alt> text. Image for The Lunchroom LIVE 8/05/2015 is missing <alt> text. The entire biographical text box for Calvin Harris with a black background and white text is an image that cannot be accessed by screen readers at all. The landing page breaks on mobile causing the buttons to select an area of the site to be hidden.

1.2.2 Captions (Prerecorded) Level A – There is no text alternative or transcript for video content uploaded via Instagram or Vimeo; YouTube captioning works for YouTube Uploads.

Adaptable

1.4.6 Contrast (Enhanced) Level AAA Header gray [#B8CAD1] on navy [#00425C] text contrast ratio 6.41:1 fails for normal text. Passing ratios for normal sized text is 7:1 and large sized text is 4.5:1 For reference, white text on a white background [#ffffff] is a complete failure at 1:1 ratio.

1.4.8 Visual Presentation – Text is justified.

The World if Our Classroom text over video clips animation cannot be stopped, paused or hidden. Text carousel on the Statistics page is automatically animated and cannot be stopped, paused or hidden.

Operable

2.1.1 Keyboard – Level A – The website is not navigable by keyboard, tab does not navigate to elements on the webpage and arrow keys cannot be used to select items from a dropdown menu.

2.2.2 Pause, Stop, Hide – Level A – A moving text carousel on Statistics and a video clip with text carousel title “The World is Our Classroom” cannot be paused, stopped or hidden.

2.4.5 Multiple Ways – Level AA – The top navbar disappears when certain items are clicked taking the user to a different URL on the site. There is no Search tool to look for content.

2.4.6 Headings and Labels – Level AA – Headings such as <h1> and <h2> are completely missing from the code which is an important reference tool and shortcut for screen readers used by people who are blind or have low vision.

Understandable

3.1.3 Unusual words – Level AAA – There is no definition or means to understand “edutaining” in the biographical information box for Calvin Harris.

3.1.5 Reading Level – Level AAA – Testing of two large blocks of text on the FLA website indicate the verbiage used is “very difficult” and ranked for a reading age level of a college graduate which may be a barrier to various users based on education level, reading ability and if they are a non-native English speaker.

3.2.3 Consistent Navigation – Level AA – Navigation is not consistent between web pages and the user needs to use tools built into their browser such as the back button.

Robust

4.1.1 Parsing – Level A – For URL <http://freelunchacademy.com/presskit/> there is a </p> tag with no opening tag in the code from line 281, column 110; to line 281, column 113. Empty heading for <h5> in the code from line 348, column 1; to line 348, column 32.

4.1.2 Name, Role Value – Level A – <http://freelunchacademy.com/presskit/> The use of the **type** attribute is no longer current. The **align** attribute for <div> in HTML instead of CSS is obsolete, from line 282, column 1; to line 282, column 141 and for <h5> from line 287, column 75; to line 287, column 120 and more. The attribute **scale** is not allowed at from line 288, column 130; to line 288; column 551 from line 402, column 390; to line 402, column 550; from line 423, column 218; to line 423, column 600; from line 424, column 169; to line 424, column 515; from line 424, column 169; to line 424, column 515; from line 428, column 212; to line 428, column 591; from line 429, column 173; to line 429, column 573

and more. Error for a duplicate ID for “partnerships” is used at From line 402, column 390; to line 402, column 550. Duplicate ID for “bubbling_1” at From line 509, column 3; to line 509, column 25.

Recommendations

1.1.2 Put accurate <alt> text where needed for all images so that screen readers for people who are blind or have low vision can perceive the content of the image. Do not have images that contain text or blocks of text as they cannot be perceived by screen reader technology.

1.2.2 Use YouTube for video uploads because the free captioning makes the video accessible for people who are Deaf or hard of hearing. A typed text can be offered for Instagram or Vimeo videos for people who are Deaf or hard of hearing.

1.4.6 Change the font color for the gray text in the header bar to a color that has better contrast.

1.4.8 Remove all justification from all text on the website and keep all text 14 points or larger.

2.1.1 A new Wordpress or website template that has keyboard navigability would be helpful for people with paralysis or manual disabilities to be able to navigate the site.

2.2.2 Do not use animations or carousels that cannot be paused, stopped or hidden. If they are desired, use code for an animation or carousel that has it stopped to begin with the user can select to play it. Moving, blinking and auto-updating elements are a problem for people with various cognitive disabilities such as if they struggle with distraction.

2.4.5 Allow for “crabwalking” to navigate from page to page is possible, make sure navbars in the header and footer are consistently available on every page and include a Search tool for users.

2.4.6 Use semantic HTML and include headings such as <h1> and <h2> to help user who go online with screen readers.

3.1.3 Give a link or describe the meaning of unique words such as “edutaining”.

3.1.5 Aim for a reading level that is more accessible to the public on par with a local newspaper or popular blog written at about the 5th to 6th grade age level.

3.2.3 Create consistent navigation that does not require the use of browser tools or features to navigate the website.

4.1.1 Make sure that all tags and elements within the site are complete.



4.1.2 Correct the 86 validation errors found for <http://freelunchacademy.com/presskit/>
Do HTML validation for all related pages on the entire site.