Accessibility Report for "Properly portioning an Olive Garden salad" website

EDCI 56600

After taking EDCI 59100, Human Issues in Technology; I have viewed technology and the internet differently. The word "accessibility" can be a versatile term used for mainly for "ease of access.'' This type of access can be multiple links to a single item, less clicks on a website, or technology or websites that are accessible to individuals with disabilities.

While creating my website in Dreamweaver CS6, I was pretty aware of some standards that are required when creating a website, which included alt-text, screen-readers, and color contrast. With accessibility in mind, I was pro-active and included alt-text for all of my links and images and included text alternative documents for my photos, activity, and quiz. Even though I thought I was a pro at making my website accessible, I found I didn't know everything after running accessibility reports. It turns out that I should just keep following the motto I learned when I began my undergraduate studies "*Always learning, Always teaching.*"

In order to make my site accessible, I ran the following reports:

- Dreamweaver workflow & HTML
- WAVE
- Juicy Studio
    - Image analyzer
    - Readability
    - Color ratio

The reports were run in the order they were named, and errors were corrected immediately before the next report was ran if the resolution notes dictate that the error was corrected upon discovery. If the error was not to be corrected immediately, a date was set for when the error was to be corrected by.

Legend:

N/A-Not applicable
C-Critical
NC-Non-critical

Dreamweaver reports (Workflow & HTML)

Location	Error Type	Importance	Resolution
Index566	NA	NA	NA
Welcome	NA	NA	NA
Home	NA	NA	NA
Intro	Alt tag, line 137, logo	C	Corrected immediately
S1	NA	NA	NA
S2	NA	NA	NA
S3	NA	NA	NA
S4	NA	NA	NA
S5	NA	NA	NA
S6	NA	NA	NA
Act	NA	NA	NA
Video	NA	NA	NA
Quiz	NA	NA	NA

WAVE

Location	Error Type	Importance	Resolution
Index566	Html lang	NC	Corrected to "en"-immediate
	Contrast error with a:link, a:visited	C	Changed color-immediate
All other pages	Html lang	NC	Corrected to "en"-immediate
	Logo alt text	C	Changed alt text-Immediate
	#top anchor	NC	Added anchor tag-Immediate
	Contrast error with a:link, a:visited	C	Changed color-immediate

JuicyStudio.com

The first test performed was the Color Ratio test. While my colors for my background (#6c3-

green) and foreground (#000-black) or the container were sufficient and passed the test; the links within

the container and footer were not sufficient since they were #FF0-Yellow. In addition, my ul nav menu

colors were sufficient with a yellow #FF0 background with black #000 text. To comply with the test, I

tested some more colors and was able to come to a useable combination of background #236303 of a

dark green, foreground #0f0 of neon green, and links #f6f600 yellow for my container. I also changed my

footer's background to #5e4d0a which is more of a brown shade with the links remaining the same.

When I ran the test for the container and footer, it was successful with those colors.

The next test was the readability test. I ran a spot check on most of my pages and found they were at

the fifth or sixth grade reading level according to the Gunning-Fog Index as well as the Flesch-Kincaid

level. The Flesch reading ease test scored between 61 and 70 for most of my pages; which is in the

desired range.

Another test was the image test. I found that my page logos did not have height or width specified in

their properties and I corrected that immediately. I also did receive errors for the URL long description

and that it was not provided for any images. While reading on the W3 Wave site, I noticed that URL long

descriptions were not required anymore; so I did not include them in my properties.

Screen Reader

My final test was the FANGS test in Firefox. It was interesting to see how a screen-reader would

interpret my site. Besides Staci's recommendations, I removed all tables from my website as those

seemed rather inaccessible when reading through the screen reader text. The only table remaining on

my site was on the welcome page to stabilize my entry buttons. A correction was made on my

introduction page because I had an asterisk pointing out a note in reference to printing the quiz results.

Instead of an asterisk, the reader said "Star if you cannot print your results, you may do so at the

restaurant…." I thought that would confuse the person on the screen reader; regardless that the rest of

us may understand the "star" as an asterisk or important note.

Summary

These accessibility tests and tools are a great asset to all web site developers for accessibility is a vital topic with today's learner's and web users since we are users of digital technology. With new laws and regulations, such as section 508; all users need to be aware of accessibility and the challenges that come with it.