

Pros:

- Alternative Text: All images, including the Pepsi logo and the hero image, include descriptive alt attributes.
- Single Column Layout: The 600px table layout ensures top to bottom reading, which is the most accessible way to structure an email.

Accessibility cons (Areas for Improvement):

- Contrast False Positive: WAVE flagged a Very low contrast error because it cannot see the dark background image. While the text is readable to the human eye.
- Missing Page Title: The report shows an error for a "Missing or uninformative page title." This means the <title> tag doesn't exist. (fixed)
- Layout Table Alert: The tool flagged my use of a table for layout. Which is necessary for email layout but is quite old if used for other scenarios.

The screenshot displays the WAVE accessibility evaluation tool interface. On the left, a sidebar shows the 'Details' tab with a list of findings categorized by severity: 1 Error (Missing or uninformative page title), 1 Contrast Error (Very low contrast), 2 Alerts (No page regions, Layout table), 3 Features (Alternative text, Language), and 1 Structural Element (Heading level 1). The main content area shows a preview of the evaluated page, which is a Pepsi Zero Sugar advertisement. The ad features five cans of Pepsi Zero Sugar and the text 'The flavor takeover is here!' and 'Multiple pepsi cans all different flavors.' The WAVE logo and 'powered by webaim' are visible in the top left corner of the interface.

W

WAVE

web accessibility evaluation tool

powered by WebAIM

Styles: OFF ON

Details

Summary

Details

Reference

Order

Structure

Contrast

4 Errors

4 X Empty link

1 Contrast Errors

1 X Very low contrast

7 Alerts

1 X Orphaned form label

1 X Unlabeled form control with title

2 X Redundant link

1 X Noscript element

1 X Redundant title text

1 X Layout table

21 Features

1 X Null or empty alternative text

3 X Linked image with alternative text

14 X Form label

1 X Skip link

1 X Skip link target

1 X Language

30 Structural Elements

1 X Data table

COMP 584-16044-SP2026

Assignments

HW3 Applying Responsiveness and Table Based Design to Email with HTML and CSS

*aria-label="breadcrumbs"

Spring 2026

Home

tabindex=0

Assignments

*aria-current="page"

tabindex=0

Discussions

tabindex=0

Grades

tabindex=0

People

tabindex=0

Pages

tabindex=0

Files

tabindex=0

Syllabus

tabindex=0

BigBlueButton

tabindex=0

Collaborations

tabindex=0

Chat

tabindex=0

Canvas Insights

HW3

Applying Responsiveness and Table Based Design to Email with HTML and CSS

Start Assignment

Due Friday by 7pm

Points 100

Submitting a website url

Create of copy of your hw2. Rename it to comp-584-hw3-yourintials.

Add a button(s) to your email. Explore the different approaches and see which fits best for your design.

Make sure the button(s) aligns to the center of your page.

*aria-level="1"

Add some additional spacing around the button to make it easier for people to click on.

*aria-level="1"

*aria-label="Code"

WAVE

powered by

web accessibility evaluation tool

Styles: OFF ON

Summary

21

Errors

18

Content Errors

3

Alerts

2

Features

39

Structural Elements

160

ARIA

View details

Submission

Language

Code

Analysis

Accepted

errors

Python

View

Analyze Complexity

Python

Auto

def reverseList(self, head: Optional[ListNode]) -> Optional[ListNode]:

prev = None

current = head

while current:

next_node = current.next

current.next = prev

prev = current

current = next_node

return prev

17

Run

Submit