Kevin Jacobsen

Web 210 Spring 2024

Executive Summary for Emerald Dolphin Motel

Here are the top 5 improvements that should be made for the website.

**#1: Fix the HTML issues I named in the HTML report.**

Most of these are pretty simple. The trailing slashes would need to be removed, a duplicate ID needs to be fixed, there is one issue on the contact page of a div element being the child of a button element, which can be removed, and the iframe elements on the things to do page needs to be rewritten to use CSS as the current way it’s written is obsolete. Fixing up these HTML issues would be pretty easy and would pass the validator.

**#2: img elements on the home page must have an accessible name.**

This can be fixed by adding an alt attribute describing the image, which screen readers voice instead of the image. Spacer images and purely decorative images should use alt="" without any global ARIA attributes.

**#3: Fix the scrolling marquee on the home page.**

Just replace the element with a static element like a span to allow time for low vision users to read the text.

**#4: Fix issues with missing HTML headings on the things to do and other pages on the site.**

Currently it is just a wall of text with no heading elements. It would be hard to understand for someone using a screen reader. Screen reader users rely on headings to navigate within pages. Either add role=heading with aria-level or use h1-h6 elements to identify the element as a heading to screen readers.

**#5: Fix text contrast issues.**

There are many parts of the site that have poor contrast ratio, the green text being the major issue a lot of the time. To pass level WCAG Level AA guidelines:

The contrast ratio should be 3.0 or more for 18 point text, or larger

The contrast ratio should be 3.0 or more for 14 point bold text, or larger

The contrast ratio should be 4.5 or more for all other text