

Brief

In order to make my site user friendly whilst at the same time ensuring the visually impaired can read the content I made sure I followed a heuristic checklist, a11y checklist and also tested my site for colour blindness.

Heuristics

Introduction

My site comprises of one page featuring scrolling content. The colour theme is constant throughout and the headings have their own font-family and the nav bar is static allowing easy navigation.

Efficiency

To ensure the page was efficient and had a minimalized load time – I compressed all my jpg images and used png & svg wherever possible. My entire site comes in at under 3.65MB not including my design documentation and has a verified load time of 3.13s (on pingdom.com). Not only this, but of all the site tested on the Melbourne server on the site, it loaded quicker than 51% of them! Therefore, I'm confident it will provide a streamlined experience for the end user.

Minimalist Design

By keeping my website on one page, I have managed to keep my content all in one place as a result. The introduction of JQuery to allow a smooth scroll on click gives the end user a very aesthetically pleasing experience.

Consistency

I have used the same font –colour and font-family throughout. The headings use an alternative font to highlight they are the h2 headings and the rest of the body is on one type face. I have chosen 'white' for all my text to allow consistency and make it easy to read for these who are visually impaired.

A11Y

I have used class role tags in my body to help screen readers identify the correct section of the website they're on.

I have declared the language of my site.

My links are all recognisable with hover actions and alt text to allow screen readers to read them.

I have used JQuery to ensure smooth scrolling on my site but refrained from in line scripting like animating certain sections. This way the user gets to see the content without any interaction with it.

I have tested my site against colour blindness on the site toptal.com for green/red colour blindness and it doesn't affect my content at all. Everything is still visible.

I tested the site using a screen reader and it was able to find the correct content.