

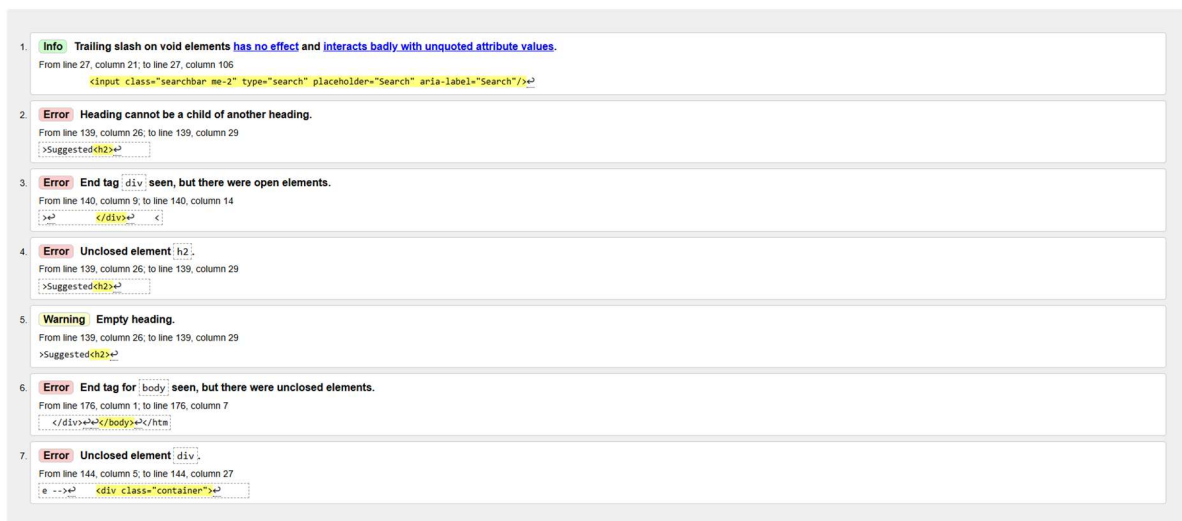
Task 4 – Web Development

Validating the code included attaching the file to the following sites, and having the program validate the code.

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

CSS: <https://jigsaw.w3.org/css-validator/>

Chill.html validator



1. **Info** Trailing slash on void elements has no effect and interacts badly with unquoted attribute values.
From line 27, column 21; to line 27, column 106
`<input class="searchbar me-2" type="search" placeholder="Search" aria-label="Search"/>`

2. **Error** Heading cannot be a child of another heading.
From line 139, column 26; to line 139, column 29
`>Suggested<h2>`

3. **Error** End tag `div` seen, but there were open elements.
From line 140, column 9; to line 140, column 14
`></div>`

4. **Error** Unclosed element: `h2`.
From line 139, column 26; to line 139, column 29
`>Suggested<h2>`

5. **Warning** Empty heading.
From line 139, column 26; to line 139, column 29
`>Suggested<h2>`

6. **Error** End tag for `body` seen, but there were unclosed elements.
From line 176, column 1; to line 176, column 7
`</div></body></html>`

7. **Error** Unclosed element: `div`.
From line 144, column 5; to line 144, column 27
`<div class="container">`

Browse.html



1. **Error** Heading cannot be a child of another heading.
From line 39, column 29; to line 39, column 32
`1 Channels<h2>`

2. **Error** End tag `div` seen, but there were open elements.
From line 40, column 9; to line 40, column 14
`></div>`

3. **Error** Unclosed element: `h2`.
From line 39, column 29; to line 39, column 32
`1 Channels<h2>`

4. **Warning** Empty heading.
From line 39, column 29; to line 39, column 32
`1 Channels<h2>`

Other than the mentioned issues there weren't anymore problems with the other .html pages.

CSS Validator

W3C CSS Validator results for style.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:



Improvements

Some parts of the website still need improvement. On smaller screens, certain sections like the stat bars and text containers don't resize well and may overflow. Some buttons and links are also missing accessibility features like aria-labels. These can be fixed by adding media queries for responsive design and improving HTML semantics for better accessibility which makes your code easier to read and maintain.

In the future, the site could be improved by adding a dark/light theme toggle and interactive JavaScript features like real-time music playback controls. Using JSON to manage track data would also help keep the content organized. Eventually, adding offline support with a service worker could make the site more reliable for users with limited internet access.