

Class 4: The presentation layer – CSS

CSS

Style rules

Applying styles: Inline, Embedded and External

Selectors, Classes and IDs

Pseudo-classes

The box model

<div> for page structure

Colours and hexadecimals

Fonts and font styling

Using CSS

Validation

References

CSS and HTML Web Design by Craig Grannell

Head First HTML with CSS & XHTML by Elizabeth Freeman & Eric Freeman

HTML and CSS Web Standards Solutions by Chris Murphy & Nicklas Persson

Web Standards Solutions (2nd Ed.) by Dan Cederholm

<http://www.w3schools.com/css/default.asp>

<http://jigsaw.w3.org/css-validator>

<http://friendlybit.com/css/beginners-guide-to-css-and-standards>

<http://css.maxdesign.com.au/selectutorial>

Class 4 Homework

Read: Chapters 3, 5 and 7 of CSS and HTML Web Design

or Chapters 8-12 of Head First HTML

or Chapters 8-13 of HTML and CSS Web Standards Solutions

Chapter 3 of [Build Your Own Website the Right Way](#)

Create 3 different style sheets for your design favourites website, illustrating the range of options available to you in font, colour, link style, borders and spacing etc. Link all 3 stylesheets to the <head> of your html files, using the correct syntax for “alternate” stylesheets for the second 2, for example:

```
<link rel="stylesheet" type="text/css" href="default.css" />
<link rel="alternate stylesheet" type="text/css" title="Red" href="red.css" />
<link rel="alternate stylesheet" type="text/css" title="Blue" href="blue.css" />
```

You can then view your web pages using the different styles:

In Firefox **View > Page Style > Style Name**

Use the W3C Markup Validation Service to check your CSS code.

Upload your work to your home area so that we can review your styling during the Class 5 session and so you can demonstrate how different one set of markup can look when combined with different style sheets.

Add any useful CSS resources to side panel on your blog to accompany the HTML resources you added last week.

For a bit of fun, take the HTML, XHTML and CSS quizzes at W3Schools:

<http://www.w3schools.com/quiztest/quiztest.asp>