

Web Overview } CSS

CSS

- { Separate Presentation from Content
- { CSS Techniques
 - { *CSS Hierarchy*
 - { *CSS Organizing techniques*
- { Cross Browser Compatibility



Separate
Presentation
from Content

Separate Presentation

- { MVC
- { Markup should only describe the content
- { CSS is for Everything else

Turn CSS off for CNN.com

Try it ESPN.com



Okay I get it, but how
do I organize all of that?

CSS Techniques



Brush Up Course

CSS Hierarchy & Special Rules

Create rules for specific scenarios and you don't need a class for everything.

CSS Hierarchy & Special Rules

`#nav li`

`h1.homeHeading`

`#content.caption`

`p:after`

`hr + p`

CSS Organizing Techniques

I like to separate my CSS by typography, structure and features. I will also indent my hierarchal tags.

Firebug is a really great CSS,
debugging, trouble shooting,
and lets try this and we'll see
what happens tool.

Okay I get it, but how
can I get *ALL* the
browsers to play nice?



Cross Browser Compatibility

Brush Up Course



First things first

You're website will NOT
look the same in all
browsers and devices.



Here's why.

<http://css-class.com/test/css/defaults/UA-style-sheet-defaults.htm>

Oh and fonts don't render the
same either.

http://thenoodleincident.com/tutorials/box_lesson/font/method.html

So no matter how hard you try
there will be small differences.



So what do you do?

Compatibility Techniques

- { CSS Reset
- { CSS degradation
- { Follow Web Standards
- { Validate
- { Accept it and provide similar experiences
- { Test Test Test
- { Know the hacks

CSS Reset

The idea of clearing *all* default styles and starting from scratch.

CSS Reset

—{ Eric Myer -

—{ <http://meyerweb.com/eric/tools/css/reset/>

—{ Yahoo

—{ <http://developer.yahoo.com/yui/3/cssreset/>

CSS Degradation

The idea of adding few lines of code in your CSS that work for specific scenarios through style sheet conditionals.

This does not mean that
you make multiple
versions of your site.

Style Sheet Conditionals

Typically the biggest problem in web development is supporting IE. These conditionals don't rely on javascript and gracefully degrade to a usable experience for that platform.

Trust me!

It sounds like an *entirely new* style sheet, but it's just replacing the few styles here and there that are causing the problems.

```
<!--[if IE 6]>
```

```
<![endif]-->
```

Follow Web Standards

Use semantic markup, avoid deprecated tags, steer clear of divitis and classitis.

Validate

If your code validates there's a good chance it will look very similar in other browsers.

Accept it.

Accept it and provide similar experiences or try compromising. Don't fret over a few pixels on an outdated browser. Your goal is provide the **content** in an **accessible** way. Not 1 pixel borders.

Test

<http://browserlab.adobe.com> is a great resource for checking how your site will look on other platforms and browsers.

Know the Hacks

Web standards aren't perfect

CSS Hacks

—{ CSS Hacks

—{ <http://www.centricle.com/ref/css/filters>

—{ Modern Browser Bugs Explained in Detail

—{ <http://www.positioniseverything.net>

—{ Eric Myer on CSS

—{ <http://www.css-discuss.org>

—{ Browser Bugs at CSS-Discuss

—{ <http://www.css-discuss.incutio.com/?page=BrowserBugs>

HTML5 Shiv

```
<!--[if IE]>  
  <script src="http://  
html5shiv.googlecode.com/svn/trunk/  
html5.js"></script>  
<![endif]-->
```

CSS

- { Separate Presentation from Content
- { CSS Techniques
 - { *CSS Hierarchy*
 - { *CSS Organizing techniques*
- { Cross Browser Compatibility