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Advanced CSS

• In the introductory notes on CSS, we covered basic style rules and the basic cascade in terms of linked style sheets, embedded style sheets and inline styles.

• This section of notes will cover more advanced CSS style rules and advanced selectors.

• Maybe too, you’ll begin to see the differences between classes and ids in CSS.
Advanced CSS

• What happens when there is more than one style rule that applies to a given element?

• CSS uses the principle of the cascade to take into account such important characteristics as *inheritance*, *specificity*, and *location* in order to determine which of a group of conflicting rules should apply.

• Let’s start by looking at *inheritance*. Many CSS properties not only affect the elements defined by the selector but are also inherited by the descendants of those elements.

• Look at the following markup and determine what style will be applied to the `<p>` elements inside the `<div>` element? Will they have a border around them? What color will be their text?
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8" />
    <title>Inheritance Example 1</title>
    <style>
        div {color: blue; border: 3px red solid; padding:10px;}
    </style>
</head>
<body>
    <div>
        <p>This is content.</p>
        <p>This is more content.</p>
    </div>
</body>
</html>
Advanced CSS

This is the rendering of the markup shown on the previous page.

Why doesn’t the markup render so that it looks like this?
The answer is that the color property of the `<div>` element is inherited by the `<p>` element that is nested inside the `<div>` element while the border property of the `<div>` element is not inherited by the `<p>` element.

With most CSS properties you can use a value of `inherit` to force inheritance (which is what I did to produce the rendering on the right side of the previous page). See the markup on the next page.
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8" />
  <title>Inheritance Example 2</title>
  <style>
    div { color: blue; border: 3px red solid; padding: 10px; }
    p { border: inherit; }
    ->
  </style>
</head>
<body>
  <div>
    <p>This is content.</p>
    <p>This is more content.</p>
  </div>
</body>
</html>
Advanced CSS

• While inheritance determines what happens if no style rule is applied to an element, *specificity* is the key when more than one rule is applied.

• The law of specificity states that: the more specific the selector, the stronger the rule.

• Thus, if one rule states that all `<h1>` elements should have blue text, but a second rule states that all `<h1>` elements with a *class* of `variant1` should be red, the second rule will override the first for all those `<h1>` elements whose *class* is `variant1`, *because* `h1.variant1` is a more specific selector than simply `h1`.

• The markup on the next page illustrates this concept.
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8" />
  <title>Specificity Example 1</title>
  <style>
    h1 { color: blue; }
    .variant1 { color: red; }
  </style>
</head>
<body>
  <h1>This is a main header</h1>
  <br />
  <h1 class="variant1">This is another main header</h1>
</body>
</html>
Advanced CSS

• Note that id attributes are considered the most specific, since they must be unique within a document.

• The presence of a class attribute makes a selector more specific than a simple selector that has none.

• Further, a selector with more than one class is more specific than a selector with only one class.

• Selectors with only element names come next on the specificity scale.

• Inherited rules are considered to be the most general of all (least specific) and would be overruled by any other applicable rule.

• The markup on the next page illustrates specificity.
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8" />
<title>Specificity Example 2</title>
<style>
--
body {background-color:gray;}
p {color:red;}
p.group {color:blue;}
p#last {color:green;}
p#last {color:orange;}
p#reallylast {color:magenta;}

</style>
<body>
<p>This is paragraph 1.</p>
<p>This is paragraph 2.</p>
<p>This is paragraph 3.</p>
<p>This is paragraph 4.</p>
<p>This is paragraph 5.</p>
</body>
</html>
Advanced CSS

• Sometimes specificity is not enough to determine which style rule will apply when conflicting rules are present. In these cases, the location of the rule resolves the conflict: Rules that appear later have more weight.

• This means that inline styles (not recommended except in rare cases) are considered to appear after (and thus have more weight than) equally specific rules applied either in an embedded or external style sheet.

You can override the entire cascade system by declaring that a particular rule be more important than the others by adding `!important` at the end of the rule. This is also not a recommended practice except in very rare cases. The example on the next page illustrates this, but do not get in the habit of doing something like this. It is considered very bad practice because it makes the declaration too strong and you CSS will get bogged down with longer rules if you need to override it.
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8" />
    <title>Specificity Example 3</title>
    <style>
      body {
        background-color: gray;
      }
      p {
        color: red; !important
      }
      .group {
        color: blue;
      }
      p#last {
        color: green; !important
      }
      p#last {
        color: orange;
      }
      p#reallylast {
        color: magenta;
      }
    </style>
  </head>
  <body>
    <p>This is paragraph 1.</p>
    <p class="group">This is paragraph 2.</p>
    <p id="last" class="group">This is paragraph 3.</p>
    <p id="last">This is paragraph 4.</p>
    <p id="reallylast">This is paragraph 5.</p>
  </body>
</html>
Advanced CSS

• The relationship between an embedded style sheet and any linked external style sheets depends on their relative positions. So too does the relationship between multiple linked external style sheets.

• If the `<link>` element comes later in the `<head>` element than the `<style>` element, then it will override the rules in the `<style>` element which preceded it in the markup.

• If the `<link>` element comes earlier in the markup than the `<style>` element, then the rules in the `<style>` element will override the rules in the `<link>` element.

• The examples on the following few pages should illustrate this concept.
Linked stylesheet before embedded stylesheet

```html
<html lang="en">
<head>
  <meta charset="utf-8" />
  <title> Specificity Example 4 </title>
  <link rel="stylesheet" href="stylesheet1.css" />
  <style>
    body {background-color:gray;}
    p {color: magenta;}
    p.group {color: yellow;}
  </style>
</head>
<body>
  <p>This is paragraph 1.</p>
  <p class="group">This is paragraph 2.</p>
</body>
</html>
```
Two linked stylesheets

---

External stylesheet1

---

External stylesheet2

---

This is paragraph 1.

This is paragraph 2.
Two linked stylesheets – ordered reversed

External stylesheet1

External stylesheet2

This is paragraph 1.

This is paragraph 2.
Specifying Alternate Style Sheets

• You can link to more than one style sheet and let visitors choose the styles they like best.

• The HTML5 specifications allow for a base set of persistent styles that are applied regardless of the visitor’s preference, a default or preferred set of additional styles that are applied if the visitor makes no choice, and one or more alternate style sheets that the visitor can choose, at which point the preferred set (though not the persistent set) is deactivated and ignored.

• Alternate style sheets allow you to provide different themes for your website.

• The example on the following few pages illustrates using alternate style sheets.
base.css contains persistent styles

preferred.css contains additional styles if user does not make a choice

alternate1.css and alternate2.css provide alternate styles to be selected by visitor.
User arrives at page.
Both base.css and preferred.css are loaded.

User selects “View”
User selects “Page Style”
The “preferred” and various “alternate” styles are displayed
User selects “red-text” as an alternate style. This will load alternate1.css

This is paragraph 1.

This is paragraph 2.

User selects “yellow-background” as an alternate style. This will load alternate2.css

This is paragraph 1.

This is paragraph 2.
Specifying Alternate Style Sheets

• You do not need to specify a preferred style sheet in order to provide alternative style sheets.

• Note that the style sheet which is to be designated as the preferred style sheet must have: \( \text{rel} = \text{“stylesheet”} \) and \( \text{title=“label”} \) where \( \text{“label”} \) identifies the preferred style sheet.

• Note that the style sheet(s) which is(are) offered as an alternate choice must use \( \text{rel=“alternate stylesheet”} \) and \( \text{title=“label”} \) where \( \text{“label”} \) identifies the alternate style sheet(s).

• Firefox and Opera offer the easiest way to switch from one style sheet to another. However, there are JavaScript solutions for other browsers. Do a Google search for “style sheet switcher” to find code you can use.
Advanced Selector Construction

• You’ve already seen many different examples in the markup of some of the basic types of CSS selectors.

• We’ve been using the most common forms of selectors, which are named based as well as those that use classes and ids. Now we’ll explore some more advance selector constructions.

• A selector can define up to five different criteria for choosing the elements that should be formated:
  – The type or name of the element.
  – The context in which the element is found.
  – The class or id of an element.
  – The pseudo-class of an element or a pseudo-element.
  – Whether or not an element has certain attributes and values.
Advanced Selector Construction

Name/type Based Selector

Name of desired element

h1 { color: red; }

The simplest type of selector is simply the name of the type of element that should be formatted – in this case the `<h1>` element.

Context Based Selector

Context

Name of desired element

h1 em { color: red; }

The context selector will apply formatting to the specified named element only when it is found in the specified context. In this case the `<em>` elements that appear inside `<h1>` elements will be formatted. Any `<em>` element found elsewhere will not be formatted.
Advanced Selector Construction

**Class Based Selector**

**Class Name**

```
.levell { color: red; }
```

The class selector chooses all elements that belong the class. In this case a class named “levell” is defined. In the markup any element using this class will have red text, for example, `<p class="levell"> . . . </p>.

A class selector can appear any number of times in a page of markup.

**ID Based Selector**

**ID Name**

```
#levell { color: red; }
```

The id selector chooses the one element with the specified id. In this case an id named “levell” is defined. In the markup there can be at most one element using this id and it will have red text, for example, `<p id="levell"> . . . </p>.

An id selector can appear only once in each page of markup.
Advanced Selector Construction

More Specific Class Based Selector

Class Name

em.level1 { color: red; }

You can be more specific by prefixing a class selector with an element name to target. In this case the selector chooses only the `em` elements with the “level1” class rather than every element with the “level1” class.

More Specific ID Based Selector

ID Name

em#level1 { color: red; }

You can be more specific by prefixing an id selector with an element name to target. In this case the selector chooses only the one `<em>` element with the “level1” id.

WARNING: In general, do not use this approach unless you have to. The less specific class and id selectors on the previous page are the preferred methods for using classes and ids.
Advanced Selector Construction

Pseudo-Class Based Selector

Name
  Pseudo-Class

a:link { color: red; }

The pseudo-class based selector chooses elements that belong to the pseudo-class. In this case, the `<a>` elements that have not yet been visited. More on pseudo-classes later.

Attribute/Value Based Selector

Name
  Attribute

a[name] { color: red; }

The attribute/value selector allows you to specify in square brackets additional information about the desired elements attributes, values, or both. More later on the specific cases that can appear in this type of selector.
Advanced Selector Construction

• Selectors can include any combination of the various types of selectors shown on the previous four pages in order to pinpoint the desired elements for your styles.

• Mostly, you will use one or two at a time.

• You can apply the same declarations to several selectors at once if you need to apply the same style rules to different groups of elements. This is done by separating the various selectors with commas as shown below:

```
Group selector

h1,
p,
ul { color: red; }
```

Separating selectors with commas allows you to apply the same styles to many different elements, classes, ids, etc. Convention is to separate each member of the group on a separate line in your style sheet.
An Aside on Naming Classes and Ids

• As a general rule, you should not name classes nor ids using a name that describes how something looks. For example, don’t define a class such as: `.greentext {color: green;}`.

• Rather you should name the class (or id) using a name that conveys some meaning about the content to which it is being applied. This is especially true when you consider that you might change the style later.

• Remember that classes and ids add semantic value to your HTML5 markup just as the elements do, so be sure to use semantically meaningful class and id names as well.
An Aside on Classes Vs. Ids

- When deciding between class selectors and id selectors, I suggest using classes whenever possible, in large part because you can reuse them. Some web designers advocate not using ids at all, an argument I understand, though ultimately the choice is yours. It’s a subject that has been strongly debated on various web development forums. In any case, here are two of the issues that id selectors introduce:

  - Their associated styles can’t be reused on other elements, since an id can appear on only one element per page. This can lead to repeating styles on other elements, rather than sharing them as a class.

  - They are far more specific than class selectors. This means that if you ever need to override styling that was defined with an id selector, you’ll need to write a CSS rule that’s even more specific. A few of these might not be too hard to manage, but if you’re working on a site of decent size, your CSS can get longer and more complicated than necessary.
Selecting Elements By Context

• In CSS, you can pinpoint elements depending on their ancestors, their parent, or their siblings.

• An ancestor is any element that contains the desired element (the descendant), regardless of the number of generations that separate them.

• To make use of selecting elements by context, it is imperative that you properly indent your markup or you will be hopelessly lost when it comes to applying the correct style.

NOTE: A selector based on an element’s ancestor has traditionally been known (in CSS1 and CSS2) as a descendant selector, but CSS3 has renamed it a descendant combinator. Many people (including me) still refer to it as a selector.
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8" />
  <title> Selectors by Context Example 1 </title>
</head>
<body>
  <article class="about">
    <h2> Main Article </h2>
    <p> This is content. </p>
    <p> This is more content. </p>
    <section class="notabout">
      <h3> Sub Header </h3>
      <p> This is section content. </p>
    </section>
  </article>
  <p> This paragraph is not part of the article. </p>
</body>
</html>
The `<article>` element is a member of the class “about” and is styled with only padding in that element. The contextual selector finds 3 separate paragraphs as descendants inside the `<article>` element and thus they are all styled with blue text. Note that the last paragraph in the markup is not a descendant of the `<article>` element and is thus not styled by the contextual selector.
Selecting Elements By Context

• There is often more than one way to craft your selectors to get the desired effect.

• It often comes down to how specific you need to be.

• The previous example, uses a somewhat verbose and more specific form for contextual selection than is actually required in this case.

• The following example combines a class selector with a descendant selector (you could combine with an id selector as well) to achieve exactly the same effect. Notice that in this second version the first selector (the article p { }) is less specific than both the one that follows it (the .about p { }) and the one from the first version.
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8" />
    <title>Selectors by Context Example 2</title>
    <style>
        .about { border: 3px black solid; padding: 5px; }
        .about p { color: blue; }
    </style>
</head>
<body>
<article class="about">
    <h2>Main Article</h2>
    <p>This is content.</p>
    <p>This is more content.</p>
    <section class="notabout">
        <h3>Sub Header</h3>
        <p>This is section content.</p>
    </section>
</article>
<p>This paragraph is not part of the article.</p>
</body>
</html>
Selecting Elements By Context

• There is no limit to how deep you can extend the descendant combinator. From a practical point of view more than 3 levels is rarely seen.

• The example on the next page illustrates more depth.

• Be sure you understand why both the `<h3>` element and the `<p>` element inside the `<section>` element have red text.
<!DOCTYPE html>
<html lang="en">
<head>
  
  <meta charset="utf-8" />
  
  <title>Selectors by Context Example 3</title>
  
  <style>
    
    article { border: none; padding: 5px; }
    section { border: 2px solid black; padding: 20px; }
    h2 { font-family: arial; }
    article section h3 p { color: red; }
    article p { color: blue; }
    
    -->
    
    </style>
  
</head>
<body>
  
<article class="about">
  
    <h2>Main Article</h2>
    
    <p>This is content.</p>
    <p>This is more content.</p>
    
    <section class="notabout">
      
      <h3><p>Sub Header in a paragraph</p></h3>
      <p>This is section content.</p>
      
    </section>
    
  </article>
  
  <p>This paragraph is not part of the article.</p>

</body>
</html>
Main Article

This is content.

This is more content.

Sub Header in a paragraph

This is section content.

This paragraph is not part of the article.
Selecting Elements By Context

• CSS3 also defines a child combinator, which allows you to define a rule for an immediate descendant (in other words, a child) of a parent element. These were called child selectors before CSS3.

• A parent is an element that directly contains another element (a child), meaning that they are only one generation away.

• A child combinator is defined as follows: \texttt{parent > child \{ . . . \}}

• The example on the next page illustrates defining and using a child combinator.
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8" />
    <title>Child Combinators</title>
    <style>
        article { border: 2px solid black; padding: 5px; }
        article > h2 { font-family: arial; }
        section > h3 > p { color: red; }
        article > p { color: blue; }
    </style>
</head>
<body>
    <article class="about">
        <h2>Main Article</h2>
        <p>This is content.</p>
        <p>This is more content.</p>
        <section class="notabout">
            <h3><p>Sub Header in a paragraph</p></h3>
            <p>This is section content.</p>
        </section>
    </article>
    <p>This paragraph is not part of the article.</p>
</body>
</html>
Main Article

This is content.

This is more content.

Sub Header in a paragraph

This is section content.

This paragraph is not part of the article.
Selecting Elements By Context

- Its sometimes useful to be able to select only the first child of an element, as opposed to all the children of an element.
- To do this use the :first-child pseudo-class. The first-child part of the selector is called a pseudo-class because it identifies a group of elements without you (the designer) having to mark them in the HTML5 markup.
- For example, you might want to style the first paragraph of an article differently than all of the other paragraphs in the article, so this would come in handy.
- The syntax for this is: `element:first-child { . . . }`
- The example on the next page illustrates the :first-child pseudo-class.
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8" />
  <title>:first-child pseudo-class Example</title>
  <style>
    article { border: 2px solid black; padding: 5px; }
    article > h2:first-child { font-family: arial; color: blue; }
    section > h3:first-child { font-family: arial; color: red; }
    article > p { color: green; }
  </style>
</head>
<body>
<article class="about">
  <h2>Main Article</h2>
  <p>This is content.</p>
  <p>This is more content.</p>
  <section class="notabout">
    <h3><p>Sub Header in a paragraph</p></h3>
    <p>This is section content.</p>
  </section>
</article>
<p>This paragraph is not part of the article.</p>
</body>
</html>
Main Article

This is content.

This is more content.

Sub Header in a paragraph

This is section content.

This paragraph is not part of the article.

The `<h2>` element is the first-child of its parent element `<article>` element.

The parent element is the `<article>` element.

The `<h3>` element is the first-child of its parent element `<section>` element.
Selecting Elements By Context

- Continuing with the familial theme, sibling elements are elements of any kind that are children of the same parent.
- Adjacent siblings are elements that are next to each other directly, meaning that no other sibling sits between them.
- The CSS3 adjacent sibling combinator allows you to target a sibling element that is preceded immediately by a sibling that you specify.

In the crude markup example shown on the right, the `<h1>` element and the `<p>` element are adjacent siblings, and the `<p>` element and the `<h2>` element are adjacent siblings, but the `<h1>` element and the `<h2>` element are not. However, they are all siblings (and children) of the `<body>` element.
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8" />
    <title>Adjacent sibling combinator Example</title>
    <style>
        article { border: 2px solid black; padding: 5px; }
        h2+p {color:blue; }
        h3+p {color:red; }
        p { color: green; }
    </style>
</head>
<body>
<article class="about">
    <h2>Main Article</h2>
    <p>This is content.</p>
    <p>This is more content.</p>
    <section class="notabout">
        <h3>Sub Header</h3>
        <p>This is section content.</p>
    </section>
</article>
<p>This paragraph is not part of the article.</p>
</body>
</html>
Main Article

This is content.

This is more content.

Sub Header

This is section content.

This paragraph is not part of the article.

The `<p>` element is the adjacent sibling of the `<h2>` element

The `<p>` element is the adjacent sibling of the `<h3>` element
Selecting Elements By Context

• CSS3 introduces the general sibling combinator, which allows you to select a sibling that is not necessarily immediately preceded by another sibling.

• The only difference in the syntax is that the + sign of the adjacent sibling combinator is replaced by the tilde (~) sign in the general sibling combinator.

• For example: the rule h1~h2 { color: blue; } would make any <h2> element blue as long as it was preceded by a sibling <h1> element somewhere within the parent element. It could be immediately adjacent, but it does not need to be. The following example illustrates the general sibling combinator.
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="utf-8" />
    <title>General sibling combinator Example</title>
    <style>
        article { border: 2px solid black; padding: 5px; }
        h2+p { color: blue; }
        h3+p { color: red; }
        p { color: green; }
        h2~section { border: 3px dashed blue; padding: 3px; }
    </style>
</head>
<body>
<article class="about">
    <h2>Main Article</h2>
    <p>This is content.</p>
    <p>This is more content.</p>
    <section class="notabout">
        <h3>Sub Header</h3>
        <p>This is section content.</p>
    </section>
</article>
<p>This paragraph is not part of the article.</p>
</body>
</html>
Main Article

This is content.

This is more content.

Sub Header

This is section content.

This paragraph is not part of the article.

The `<section>` element is a sibling of the `<h2>` element, just not an adjacent one.
Selecting Elements By Context

• CSS3 also allows you to select only part of an element, rather than include the entire element in the styling.

• This is done using new pseudo-elements of ::first-word, ::first-line, ::before, and ::after. Note the double colon which is used to distinguish the new pseudo-elements from the existing pseudo-classes such as :link, :hover, etc., which use a single colon syntax.

• The ::first-line pseudo-element selects the first line of the selected element. The ::first-letter pseudo-element selects the first letter of the selected element. We’ll look only at these two pseudo-elements for the time being. The example on the following page illustrates.
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8" />
<title>Pseudo-element Example</title>
<style>
article { border: 2px solid black; padding: 5px; }
h2::first-letter { color: blue; }
h3+p { color: red; }
p::first-line { color: green; }
h2~section { border: 3px dashed blue; padding: 3px; }
</style>
</head>
<body>
<article class="about">
<h2>Main Article</h2>
<p>This is content.</p>
<p>This is more content.</p>
<section class="notabout">
<h3>Sub Header</h3>
<p>This is section content. Note that this paragraph contains more than one line, and they are styled differently based on the pseudo-element.</p>
</section>
</article>
<p>This paragraph is not part of the article.</p>
</body>
</html>
Notice that the “first-line” is based on the size of the containing element and not punctuation. See next page too.
Main Article

This is content.

This is more content.

Sub Header

This is section content. Note that this paragraph contains more than one line, and they are styled differently based on the pseudo-element.

This paragraph is not part of the article.
Defining Styles Based on Tag Attributes

• Although style attributes should all be handled by CSS, many HTML5 elements still have attributes that define how they behave. For example, the image tag, `img`, always includes the `src` attribute to define the source for the image file to be located.

• Styles can also be applied to an HTML element based on an attribute or an attribute value, allowing you to set styles if the attribute has been set, is or is not a specific value, or contains a specific value.

• A table of the possible attribute selector variations is shown on the next page.

• An example using attribute selectors appears on the page after the table.
# Defining Styles Based on Tag Attributes

<table>
<thead>
<tr>
<th>Format</th>
<th>Name</th>
<th>Elements that are styled if that element</th>
</tr>
</thead>
<tbody>
<tr>
<td>[attr]</td>
<td>Attribute</td>
<td>Has specified attribute</td>
</tr>
<tr>
<td>[attr=&quot;value&quot;]</td>
<td>Exact value</td>
<td>Has specified attribute with exact value</td>
</tr>
<tr>
<td>[attr~=&quot;value&quot;]</td>
<td>Spaced list</td>
<td>Has specified attribute equal to exact value within space-separated list</td>
</tr>
<tr>
<td>[attr</td>
<td>=&quot;value&quot;]</td>
<td>Hyphenated list</td>
</tr>
<tr>
<td>[attr^=&quot;value&quot;]</td>
<td>Begins with</td>
<td>Has specified attribute equal to exact value at beginning</td>
</tr>
<tr>
<td>[attr$=&quot;value&quot;]</td>
<td>Ends with</td>
<td>Has specified attribute equal to exact value at end</td>
</tr>
<tr>
<td>[attr*=&quot;value&quot;]</td>
<td>Contains</td>
<td>Has specified attribute equal to exact value anywhere</td>
</tr>
</tbody>
</table>
a { display: block; font-size: 2em; }
a[title] { color: red; }
a[title="Author"] { color: orange; }
a[title~="white"] { color: yellow; }
a[title^="illustrations"] { color: green; }
a[href^="http://"] { color: blue; }
a[href$="order"] { color: indigo; }
a[href$="css3-now"] { color: violet; }

</style>
</head>
<body>
<article class="chaptertext">
<h1>About the Book:</h1>
<ul>
    <li><a href="index.html" title="The World of CSS3">The World of CSS3</a></li>
    <li><a href="index.html" title="Author">Mark Llewellyn</a></li>
    <li><a href="index.html" title="Illustrations black and white">Kristy Wills</a></li>
    <li><a href="index.html" title="Illustrations-in-color">Tammi Alfredson</a></li>
    <li><a href="http://www.markllewellyn.com">Download Examples</a></li>
    <li><a href="http://www.markllewellyn.com/css3-now">Order the book</a></li>
</ul>
</article>
</body>
</html>
About the Book:

- The World of CSS3
- Mark Llewellyn
- Kristy Wills
- Tammi Alfredson
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