

PROJECT 3: Art Store**DIFFICULTY LEVEL:** Advanced**Overview**

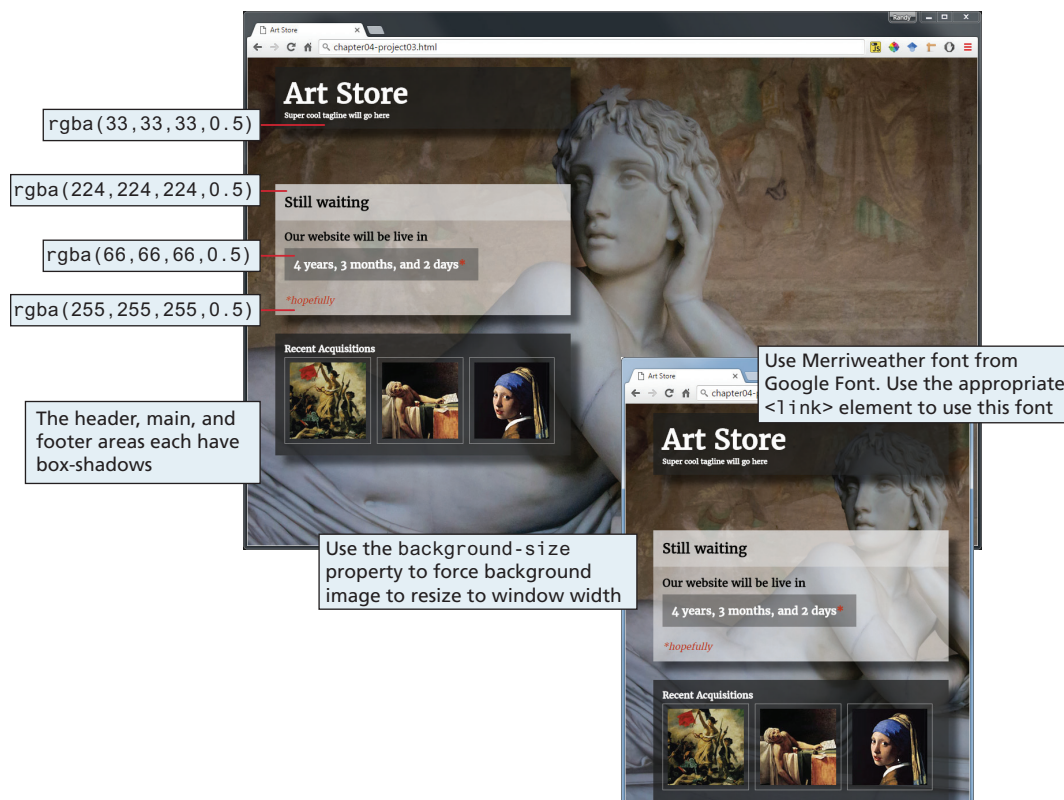
This project builds on the art store example from the previous chapter (Project 2.3), but purposefully leaves you having to dig a little deeper into CSS.

Instructions

1. You have been provided with the markup for a file named **chapter04-project03.html**. Remove all default styles via a **reset.css** stylesheet, as done for the previous two projects.
2. Define the relevant CSS styles so that your output looks similar to that shown in Figure 4.35. Do not modify the markup within the `<body>` element.
3. You will have to use a CSS3 feature that will require some research on your own. The `background-size` property can be used to force a background image to resize to the width of the browser window.

**HANDS-ON
EXERCISES**

Project 4.3

**FIGURE 4.35** Completed Project 3

4. Notice that two of the blocks in Figure 4.35 are partially transparent.
Remember that CSS3 allows you to specify the alpha transparency of any color.
5. Finally, the header uses the font Merriweather which will have to be supplemented with other options in the font stack in the event that font is not present on the client's computer.

Testing

1. First, try resizing your browser to ensure the image resizes dynamically to fill the space, and the floating objects position themselves correctly.
2. Try out different browsers or platforms to see if it really works on all types of devices. To emulate mobile browsers, shrink the browser size, as shown in Figure 4.35.

4.8.4 References

1. J. Teague, *CSS3: Visual Quickstart Guide*, Peachpit, 2012.
2. D. Cederholm and E. Marcotte, *Handcrafted CSS*, New Riders, 2009.
3. E. A. Meyer, *CSS Web Site Design*, Peachpit, 2003.
4. W3C, *Cascading Style Sheets Level 2 Revision 1 (CSS 2.1) Specification*. [Online]. <http://www.w3.org/TR/CSS2/>.
5. T. Olsson and P. O'Brien, *CSS Reference*. [Online]. <http://reference.sitepoint.com/css>.
6. V. Friedman, "CSS Specificity: Things You Should Know." [Online]. <http://coding.smashingmagazine.com/2007/07/27/css-specificity-things-you-should-know/>.