Self-Assessment Activity: Background Images

21 AUG **STATUS**

Assignment in WEEK 3 ACTIVITIES

Objectives & Outcomes

Successful completion of this activity will show that you can:

- Create a web page or pages that demonstrates an understanding of the topics covered thus far.

Level of Effort

This activity should take approximately 60m to complete. It will require:

- 15m Research
- 0m Prep & Delivery
- 45m Work

If you find that this activity takes you significantly less or more time than this estimate, please contact me for guidance.

Instructions

Follow the instructions to create a web page or pages and then check your work against similarly built examples from the textbook's website. This activity will not be submitted or graded, but should be completed before moving on to the graded assignments.

Get started

1. Download the background-images.zip file which contains all the assets for this activity.
2. Open *background-images.html* in your text editor and review the HTML.
3. Go back to your *Self-Assessment Activity: Layout* and open the stylesheet in your text editor. Save a copy of it into this new activity, keeping the name "styles.css". Put it inside an appropriately named folder.
4. Make sure everything is in the folder where you are keeping all your files for this course.

Add Your CSS

1. Apply the following to the stylesheet where appropriate:

   - Apply a width of 500 pixels to the div named "gallery_content". Add 20 pixels of margin to the top and bottom and center the div on the page.
   - Change the divs named "entry" font sizes to be 70% of the default.
   - Give the divs named "entry" widths and heights of 220 pixels and float them so they are next to each other. Add 10 pixels of space between each of them.
   - Now add the "shadow.png" image to the background of each div named "entry". Make sure they don't repeat and are positioned at the bottom.
   - Give the figure elements widths of 202 pixels and heights of 193 pixels. Change the default margin to be zero and add 9 pixels of padding. Now add a background color of the hex value #e7e3d8.
   - Give the gallery images inside the figure elements widths of 200 pixels and heights of 150 pixels. Add a border of 1 pixel wide, solid style, and the border color #d6d6d6.
   - Add the "icon.png" image to the background of each figcaption element and make sure they don't repeat. Also add 5 pixels of top padding and 25 pixels of left padding to each figcaption.
   - Finally add zero padding to all links inside of figcaption elements to offset the padding already applied to the main navigation links.

Fix the Parents of Floated Elements Problem

1. Notice that the page collapses because the "entry" divs are floated. This is caused when a containing element contains floated elements and the browser treats it as if it is zero pixels tall.

   - To fix this problem apply an overflow of auto to the div named "gallery_content". Now the browser recognizes the floated

elements and the correct height is applied to the containing element (applying a width of 100% isn't needed anymore for modern browsers).

Check Your Page

1. Look through the stylesheet and see what rules from the previous *Self-Assessment Activity: Box Model* are being applied to this page.
2. Now open the *background-images.html* page into your browser to check that everything looks the way you expected. If not, go back and check your HTML and CSS for errors.
3. Common mistakes are incorrect background values, incorrect file paths to images, missing curly brackets or semi-colons in the CSS rules, and not selecting the correct elements.
4. To help you with troubleshooting, your textbook has similarly built example Background Image page. Follow the links in the Resources and use the browser's *View Source* to check your code against the example pages.
5. Remember that this activity is a self-assessment and is not meant to be turned in or graded. But if you do have questions or would like feedback, please feel free to let me know!

Reading & Resources

Link: Background Images (http://www.htmldog.com/guides/css/intermediate/backgroundimages/) (helpful)

Link: Textbook Background Images Example (http://www.htmlandcssbook.com/code-samples/chapter-16/example.html) (necessary)

Deliverables
There are no deliverables.

Comments