




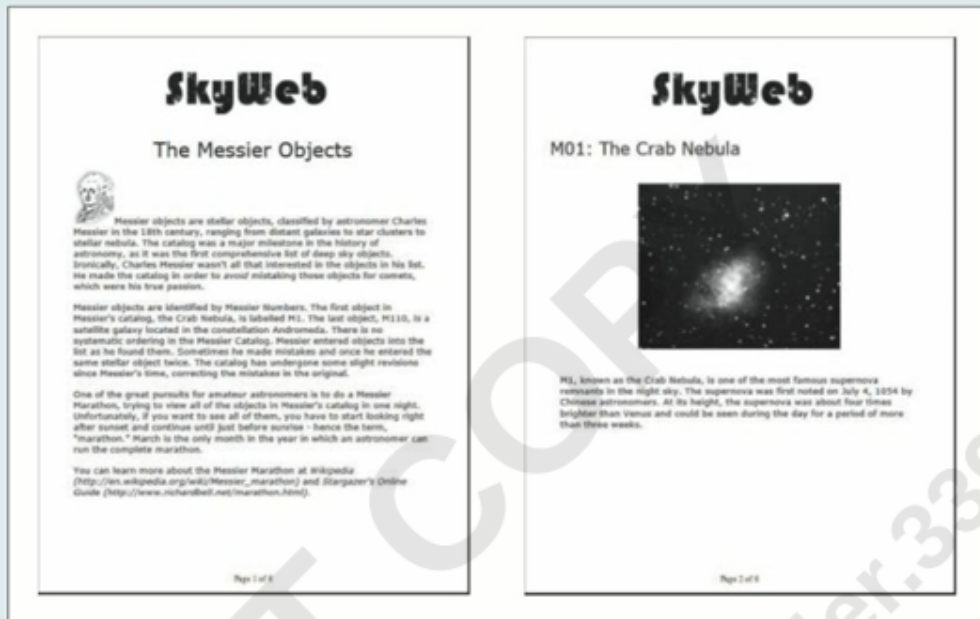
Complete the following:

1. In your text editor, open the **messtxt.htm** and **sweffectstxt.css** files from the tutorial.08\case3 folder included with your Data Files. Enter **your name** and **the date** in the comment section of each file. Save the files as **messier.htm** and **sweffects.css**, respectively.
-  **EXPLORE** 2. Go to the **sweffects.css** file. Create a style rule for the **body** element to add a radial gradient background using the CSS3 **radial-gradient()** function. For the function, set the horizontal and vertical centers of the gradient to 40% and 70%, respectively. Display a circular gradient with the size that extends to the nearest corner. Have the gradient go from a solid white center to a color value of (171, 171, 171) with an opacity of 0.5. Set the color stop of the outer color to 50%.
-  **EXPLORE** 3. Add two more CSS3 radial gradients to the body background in a comma-separated list. Use the same colors that you used in the first radial gradient. The next gradient should be centered at (80%, 20%) with a circular shape that extends to the nearest corner. Add a color stop of 20% to the second radial gradient. For the third radial gradient, set the center at (10%, 10%) and set the shape to an ellipse extended to the nearest side. Set the color stop of the outer color to 25%.
-  **EXPLORE** 4. Duplicate the background style you created for different browsers by adding the appropriate browser extensions.
5. For WebKit browsers, create the radial gradients using the **gradient()** function. Use the same inner and outer colors as you did for the CSS3 **radial-gradient()** function. Set up the three radial gradients as follows:
 - a. Place the inner and outer centers of the first gradient at the point (40%, 70%). Set the inner and outer radii to 0 and 180, respectively.
 - b. Place the inner and outer centers of the second gradient at the point (80%, 20%). Set the inner and outer radii to 0 and 90, respectively.
 - c. Place the inner and outer centers of the third gradient at the point (10%, 10%). Set the inner and outer radii to 0 and 20, respectively.
6. Save your changes to the style sheet, and then return to the **messier.htm** file in your text editor. Create a link to the **sweffects.css** style sheet file.
7. Save your changes to the document, and then view it in your Web browser. Verify that three radial gradients appear in the background of the Web page. (Note: If you are using a version of Internet Explorer before version 10, you will not see any radial gradients.)
8. Dr. Weiss also wants you to create a print style sheet to display the summary of Messier objects on the first page with a description of each Messier object on its own page. Figure 8-69 shows a preview of the design of the printed page.

book may be reproduced or transmitted without publisher's prior permission. Violators will be prosecuted.

Figure 8-69

Printout of SkyWeb page



Use your text editor to open the **swprinttxt.css** file. Enter **your name** and **the date** in the comment section of the file, and then save it as **swprint.css**.

9. Set the page size of the printout to 8.5 × 11 inches in portrait orientation with a margin of 0.5 inches.
10. Hide the navigation list and the footer in the printout.

EXPLORE

11. Dr. Weiss wants the SkyWeb logo to appear at the top of every page. Create a style rule for the inline image within the page header, placing the image using fixed positioning and setting the location of the image to 0 inches from the top edge and 2 inches from the left edge. (Note: WebKit browsers including Google Chrome and Safari do not support the display of headers on each page using fixed positioning.)
12. Display every **article** element with a top padding space of 1.5 inches. Add page breaks after every article and avoid placing page breaks within the article.
13. Display paragraphs within each article with a font size of 13 points and a margin of 0.2 inches.
14. Display the **h1** heading within the left section in a 28-point font and horizontally centered on the page.
15. For **h1** headings within the right section, set the font size to 24 points.
16. Add the following style rule for inline images within the right section: a) display the image as a block; b) set the width of the image to 4 inches; and c) set the top and bottom margins to 0.5 inches, and set the left and right margins to **auto**.
17. Display every hypertext link in black and in italic.

EXPLORE

18. Dr. Weiss wants the printout to show the URL of every hypertext link. For every hypertext link, use the **after** pseudo-class and the **content** style property to add the text of the link's URL in the format (**url**), where **url** is the text of the link's **href** attribute.
19. Save your changes to the style sheet, and then return to the **messier.htm** file in your text editor. Add a link to the **swprint.css** style sheet file.