

Unit 5 Review

Figure 3-65 March Specials web page



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Complete the following:

1. Use your editor to open the pc_specials_txt.html and pc_specials_txt.css files from the html03 pc review folder. Enter your name and the date in the comment section of each file, and save them as pc_specials.html and pc_specials.css respectively.
2. Go to the pc_specials.html file in your editor. Within the document head, create links to the pc_reset2.css, pc_styles4.css, and pc_specials.css style sheets.
3. Take some time to study the content and structure of the document, paying careful attention to the use of ids and class names in the file. Save your changes to the file.
4. Go to the pc_specials.css file in your editor. Within the Page Body Styles section, add a style rule for the body element that sets the width of the page body to 95% of the browser window

width within the range 640 pixels to 960 pixels. Horizontally center the page body within the window by setting the left and right margins to auto.

5. Go to the Image Styles section and create a style rule that displays all `img` elements as blocks with a width of 100%.

6. Anne wants the navigation list to be displayed horizontally on the page. Go to the Horizontal Navigation Styles section and create a style rule for every list item within a horizontal navigation list that displays the list item as a block floated on the left margin with a width of 16.66%.

7. Display every hypertext link nested within a navigation list item as a block. 8. Next, you'll create the style rules for the grid section of the March Specials page. Go to the Row Styles section. For every `div` element of the `newRow` class, create a style rule that displays the element with a width of 100% and only when all floated elements have been cleared. Using the technique from this tutorial, add another style rule that uses the `after` pseudo-element to expand each `newRow` class of the `div` element around its floating columns.

9. Next, you'll format the grid columns. Go to the Column Styles section. Create a style rule to float all `div` elements whose class value starts with "`col-`" on the left margin. Set the padding around all such elements to 2%. Finally, apply the Border Box Sizing model to the content of those elements. (Note: Remember to use web extensions to provide support for older browsers.)

10. In the same section, create style rules for `div` elements with class names `col-1-1`, `col-1-2`, `col-1-3`, `col-2-3`, `col-1-4`, and `col-3-4` to set their widths to 100%, 50%, 33.33%, 66.67%, 25%, and 75% respectively.

11. Go to the Specials Styles section. In this section, you will create styles for the monthly specials advertised by the company. Create a style rule for all `div` elements of the `specials` class that sets the minimum height to 400 pixels and adds a 1 pixel dashed outline around the element with a color value of `rgb(71, 52, 29)`.

12. Go to the Award Styles section. In this section, you will create styles for the list of awards won by Pandaisia Chocolates. Information boxes for the awards are placed within the `div` element with `id` `awardList`. Create a style rule for this element that places it using relative positioning, sets its height to 650 pixels, and automatically displays scrollbars for any overflow content.

13. Every information box in the `awardList` element is stored in a `div` element belonging to the `awards` class. Create a style rule that places these elements with absolute positioning and sets their width to 30%.

14. Position the individual awards within the `awardList` box by creating style rules for the `div` elements with `id` values ranging from `award1` to `award5` at the following (top, left) coordinates: `award1` (80px, 5%), `award2` (280px, 60%), `award3` (400px, 20%), `award4` (630px, 45%), and `award5` (750px, 5%). (Hint: In the `pc_specials.html` file, the five awards have been placed in a `div` element belonging to the `awards` class with `id` values ranging from `award1` to `award5`.)

15. Go to the Footer Styles section and create a style rule for the body footer that displays the footer once both margins are clear of previously floated elements.
16. Save your changes to the style sheet and then open the `pc_specials.html` file in your browser. Verify that the layout and design styles resemble the page shown in Figure 3-65.