





Landmark Roles with ARIA

Accessible Rich Internet Applications (ARIA)

Landmark Roles

banner (a header/logo area)

- navigation (a collection of navigation elements)
- main (the main content of a document)
- complementary (a supporting part of the web page document,
- designed to be complementary to the main content)
- contentinfo (an area that contains information about the content such as copyright)
- form (an area that contains a form)
- search (an area of a web page that provides search functionality)

Example: <header role="banner">

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Opening a Link in a New Browser Window

The target attribute on the anchor element opens a link in a new browser window or new browser tab.

Yahoo!



Telephone & Text Message **Hyperlinks**

Telephone Scheme

Call 888-555-5555 Many mobile browsers will initiate a phone call when the hyperlink is clicked.

SMS Scheme

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Text 888-555-5555 Many mobile browsers will initiate a text message to the phone number when the hyperlink is clicked.



Checkpoint Describe a reason to organize the files in a website using 1. folders and subfolders. 2. Which attribute configures a hyperlink to open the file in a new browser window or tab? 3. State an advantage of using CSS sprites in a website.





container sets default background color, text color, font typeface, and a minimum width

float: left; width:150px;

Right-column content

 Uses the remaining screen room available room after the floating columns display margin: 0 210px 0 160px;

CSS Styling for Print

Create an external style sheet with the configurations for browser display.

Create a second external style sheet with the configurations for printing.

Connect both of the external style sheets to the web page using two ${<}link {}>$ elements.

:link rel="stylesheet" href="wildflower.css" type="text/css" media="screen"> :link rel="stylesheet" href="wildflowerprint.css" type="text/css" media="print">











Optimize Graphics for Mobile Use

nav

main

footer

- Avoid displaying images that are wider than the screen width • Configure alternate, small
- optimized background images • Some mobile browsers will downsize all images, so avoid using images that contain text

Avoid the use of large graphic



Specify the size of images

images

 Provide alternate text for graphics and other non-text elements.

Optimize Text for Mobile Use wrapper header nav Configure good contrast between text and background colors main Use common font typefaces Configure font size with em e na of freshly ground div frinks are walls units or percentages of our fresh-baked, including fresh-fruit croissone footer • Use a short, descriptive page title





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Summary

This chapter introduced you to a variety of topics related to hyperlinks, page layout, and configuring responsive web pages that display well on desktop browsers and mobile devices.

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