CSS Advanced - CSS Media Queries

- description : CSS Advanced - CSS Media Queries
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- lastupdate : 2021-05-04

Source of the article

CSS Advanced - CSS Media Queries

CSS2 Introduced Media Types

CSS2   @media
  .

    :   ,   ,   ,
      .

                                                                            .

CSS3 Introduced Media Queries

CSS3   CSS2   .
CSS3   .

                                                                .

-
-
-       (/   ?)
- resolution(   )

                    ,   ,   (:iPhone   Android   )
                                          .

Media Query Syntax

                                      true   false

.

```
@media not|only mediatype and (expression) {
  CSS-Code;
}
```

,

.

,   .

not   only   ,   all   .

:

```
<link rel="stylesheet" media="mediatype and|not|only (expression)"
href="print.css">
```

CSS3 Media Types

Value	Description
all	media .
print	.
screen	, , .
speech	.

Media Queries Simple Examples

CSS   .

480   lightgreen
(480   ,   pink   ).

Example

```
    body {
      background-color: pink;
    }

    @media screen and (min-width: 480px) {
      body {
```

```
              /*              480px    lightgreen              */
      background-color: lightgreen;
    }
  }
```

480

(480).

Example

```html
<!DOCTYPE html>
<html lang="en">

<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <style>
    .wrapper {
      overflow: auto;
    }

    #main {
      margin-left: 4px;
    }

    #leftsidebar {
      float: none;
      width: auto;
    }

    #menulist {
      margin: 0;
      padding: 0;
    }

    .menuitem {
      background: #CDF0F6;
      border: 1px solid #d4d4d4;
      border-radius: 4px;
      list-style-type: none;
      margin: 4px;
      padding: 2px;
    }

    @media screen and (min-width: 480px) {
      #leftsidebar {
        /*      480px                        */
        width: 200px;
        float: left;
```

```
      }

      #main {
        margin-left: 216px;
      }
    }
  </style>
</head>

<body>

  <div class="wrapper">
    <div id="leftsidebar">
      <ul id="menulist">
        <li class="menuitem">Menu-item 1</li>
        <li class="menuitem">Menu-item 2</li>
        <li class="menuitem">Menu-item 3</li>
        <li class="menuitem">Menu-item 4</li>
        <li class="menuitem">Menu-item 5</li>
      </ul>
    </div>

    <div id="main">
      <h1>Resize the browser window to see the effect!</h1>
      <p>
        This example shows a menu that will float to the left of the page if
the view port is 480 pixels wide or wider. If the viewport is less than 480
pixes, the menu will be on top of the content.
      </p>
    </div>
  </div>
</body>

</html>
```

CSS @media Reference

/ [CSS Media Rule](#)

,, [CSS](#), [Media](#), [Queries](#)