

CSS Responsive Web Design - Grid-View

- description : CSS Responsive Web Design - Grid-View
- author :
- email : shlim@repia.com
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[CSS Responsive Web Design - Grid-View](#)

What is a Grid-View?

(grid-view) , 가 ()

✖

✖

12 , 100%

Building a Responsive Grid-View

HTML border-box box-sizing

padding border가

CSS 가

```
* {
  box-sizing: border-box;
}
```

box-sizing [CSS Box Sizing](#)



Example

```
<style>
  * {
    box-sizing: border-box;
  }
  .header {
    border: 1px solid red;
    padding: 15px;
  }

  .menu {
    width: 25%;
    float: left;
    padding: 15px;
    border: 1px solid blue;
  }

  .main {
    width: 75%;
    float: left;
    padding: 15px;
    border: 1px solid crimson;
  }
</style>
</head>
<body>

  <div class="header">
    <h1>Chania</h1>
  </div>

  <div class="menu">
    <ul>
      <li>The Flight</li>
      <li>The City</li>
      <li>The Island</li>
      <li>The Food</li>
    </ul>
  </div>

  <div class="main">
    <h1>The City</h1>
    <p>
      Chania is the capital of the Chania region on the island of
    Crete.
  </p>
</div>
</body>
</html>
```

```

        The city can be divided in two parts, the old town and the
modern city.
    </p>
    <p>
        Resize the browser window to see how the content respond to the
resizing.
    </p>
</div>

</body>

```

12

$$. 100\% / 12 = 8.33 \%$$

12

class="col -"

CSS:

```

.col-1 { width: 8.33%;}
.col-2 { width: 12.66%;}
.col-3 { width: 25%;}
.col-4 { width: 33.33%;}
.col-5 { width: 41.66%;}
.col-6 { width: 50%;}
.col-7 { width: 58.33%;}
.col-8 { width: 66.66%;}
.col-9 { width: 75%;}
.col-10 { width: 83.33%;}
.col-11 { width: 91.66%;}
.col-12 { width: 100%;}

```

float , padding 15px :

CSS:

```

[class*="col -"] {
    float: left;
    padding: 15px;
    border: 1px solid red;
}

```

row(가) <div> wrap . row(가) 12 가

HTML:

```
<div class="row">
  <div class="col-3">...</div> <!-- 25% -->
  <div class="col-9">...</div> <!-- 75% -->
```

row(가) , 가 ,

CSS:

```
.row::after {
  content: "";
  clear: both;
  display: table;
}
```

가 가 .

Example

```
<style>
  * {
    box-sizing: border-box;
  }

  .row::after {
    content: "";
    clear: both;
    display: table;
  }

  [class*="col-"] {
    float: left;
    padding: 15px;
  }

  .col-1 { width: 8.33%;}
  .col-2 { width: 12.66%;}
  .col-3 { width: 25%;}
```

```
.col-4 { width: 33.33%;}
.col-5 { width: 41.66%;}
.col-6 { width: 50%;}
.col-7 { width: 58.33%;}
.col-8 { width: 66.66%;}
.col-9 { width: 75%;}
.col-10 { width: 83.33%;}
.col-11 { width: 91.66%;}
.col-12 { width: 100%;}

html {
  font-family: "Lucida Sans", sans-serif;
}

.header {
  background-color: #9933cc;
  color: #ffffff;
  padding: 15px;
}

.menu ul {
  list-style-type: none;
  margin: 0;
  padding: 0;
}

.menu li {
  padding: 8px;
  margin-bottom: 7px;
  background-color: #33b5e5;
  color: #ffffff;
  box-shadow: 0 1px 3px rgba(0, 0, 0, 0.12), 0 1px 2px rgba(0, 0, 0, 0.24);
}

.menu li:hover {
  background-color: #0099cc;
}
</style>
</head>
<body>

<div class="header">
  <h1>Chania</h1>
</div>

<div class="row">
  <div class="col-3 menu">
    <ul>
      <li>The Flight</li>
      <li>The City</li>
    </ul>
  </div>
</div>
```

```
        <li>The Island</li>
        <li>The Food</li>
    </ul>
</div>

<div class="col-9">
    <h1>The City</h1>
    <p>
        Chania is the capital of the Chania region on the island of
Crete.
        The city can be divided in two parts, the old town and the
modern city.
    </p>
    <p>
        Resize the browser window to see how the content respond to
the resizing.
    </p>
</div>
</div>
</body>
```

가

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