

# HTML 04: Prilagodljivost različitim širinama zaslona

## Prilagodljive mrežne stranice

„Pristup razvoju prilagodljivih mrežnih stranica (RWD) stvara dinamične promjene pri prikazu mrežne stranice, ovisno o veličini zaslona i orijentaciji uređaja koji se koristi za njegovo pregledavanje. RWD doskače problemu prilagodbe sadržaja različitim uređajima u rasponu od sićušnih telefona do ogromnih desktop monitora.”

Izvor:

<https://www.nngroup.com/articles/responsive-web-design-definition/>

## Prilagodljive mrežne stranice

### CSS Media Query

```
<!DOCTYPE html>
<html lang="hr">
<head>
  <meta charset="UTF-8">
  <title>OMS predavanje</title>
  <link rel="stylesheet" href="stil.css">
</head>
<body>
  <div>
    <p class="paragraf"></p>
  </div>
</body>
</html>
```

```
@media (min-width: 1281px) {

  div{
    color: ■red;
  }
  p::before{
    content:"Screen = 1281px to higher resolution desktops";
  }
}
```

Screen = 1281px to higher resolution desktops

```
@media (min-width: 1025px) and (max-width: 1280px) {

  div{
    color: ■blue;
  }
  p::before{
    content:"Screen = B/w 1025px to 1280px";
  }
}
```

Screen = B/w 1025px to 1280px

#### Izvori:

[https://developer.mozilla.org/en-US/docs/Web/CSS/Media\\_Queries/Using\\_media\\_queries](https://developer.mozilla.org/en-US/docs/Web/CSS/Media_Queries/Using_media_queries)

<https://gist.github.com/gokulkrishh/242e68d1ee94ad05f488>

## Prilagodljive mrežne stranice

## CSS Media Query (GRID)

## Mobile first

```
<!DOCTYPE html>
<html lang="hr">
<head>
  <meta charset="UTF-8">
  <title>OMS predavanje</title>
  <link rel="stylesheet" href="stilGrid.css">
</head>
<body>
  <article>
    <div class="a">A</div>
    <div class="b">B</div>
    <div class="c">C</div>
    <div class="d">D</div>
  </article>
</body>
</html>
```



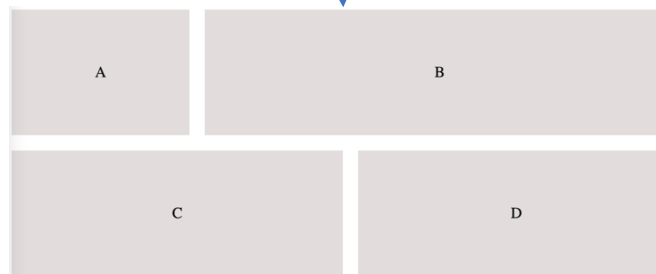
```
div{
  background-color: #rgb(226, 220, 220);
  padding: 30px;
  font-size: 2rem;
  text-align: center;
}

.a{ grid-area: a;}
.b{ grid-area: b;}
.c{ grid-area: c;}
.d{ grid-area: d;}
```

```
@media (min-width: 1281px) {

  div{
    color: black;
    min-height: 200px;
    line-height: 200px;
  }

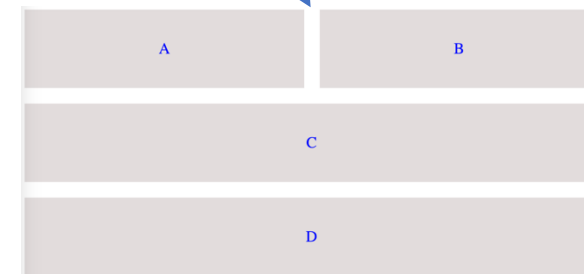
  article{
    display: grid;
    grid-template-areas:
      "a b b b"
      "c c d d";
    row-gap: 2rem;
    column-gap: 2rem;
  }
}
```



```
@media (min-width: 1025px) and (max-width: 1280px) {

  div{
    color: blue;
    min-height: 100px;
    line-height: 100px;
  }

  article{
    display: grid;
    grid-template-areas:
      "a b"
      "c c"
      "d d";
    row-gap: 2rem;
    column-gap: 2rem;
  }
}
```



## Načini korištenja komponenti trećih strana

1. Datoteke (stilovi, javascript i slike) u sklopu mrežnog mjesta
2. Datoteke dohvaćene putem CDN-a (Content Delivery Network)

