

@sandhikagalih

Web Programming UNPAS



@sandhikagalih



@sandhikagalih



fullstackdesigner.id

CSS Grid

Properties



CSS Grid Properties

- **grid-template-columns**
- **grid-template-rows**
- **grid-auto-columns**
- **grid-auto-rows**
- **grid-auto-flow**
- **grid-template-areas**
- **grid-template**
- **grid-column-gap**
- **grid-row-gap**
- **grid-gap**
- **grid**
- **justify-items**
- **align-items**
- **place-items**
- **justify-content**
- **align-content**
- **place-content**

Special Function & Keyword



Special Function & Keywords

- `repeat()`
- `min-content` & `max-content`
- `minmax()`
- `auto-fill` & `auto-fit`

repeat ()



repeat()

Menentukan ukuran **grid track** secara berulang

```
.container {  
  display: grid;  
  grid-template-columns: repeat(9, 1fr);  
}
```



@sandhikagalih



@sandhikagalih



fullstackdesigner.id

min-content & max-content



min-content & max-content

Menentukan seberapa besar ukuran **grid track** berdasarkan content pada sebuah item

```
.container {  
  display: grid;  
  grid-template-columns: min-content | max-content;  
}
```

auto-fill & auto-fit



auto-fill & auto-fit

Menentukan jumlah item untuk berada pada **grid track**

```
.container {  
  display: grid;  
  grid-template-columns: repeat(auto-fit, 150px);  
}
```

minmax()



minmax()

Menentukan ukuran minimal dan maksimal dari **grid track**

```
.container {  
  display: grid;  
  grid-template-columns: minmax(200px, 300px);  
}
```



@sandhikagalih



@sandhikagalih



fullstackdesigner.id

Responsive Image Gallery

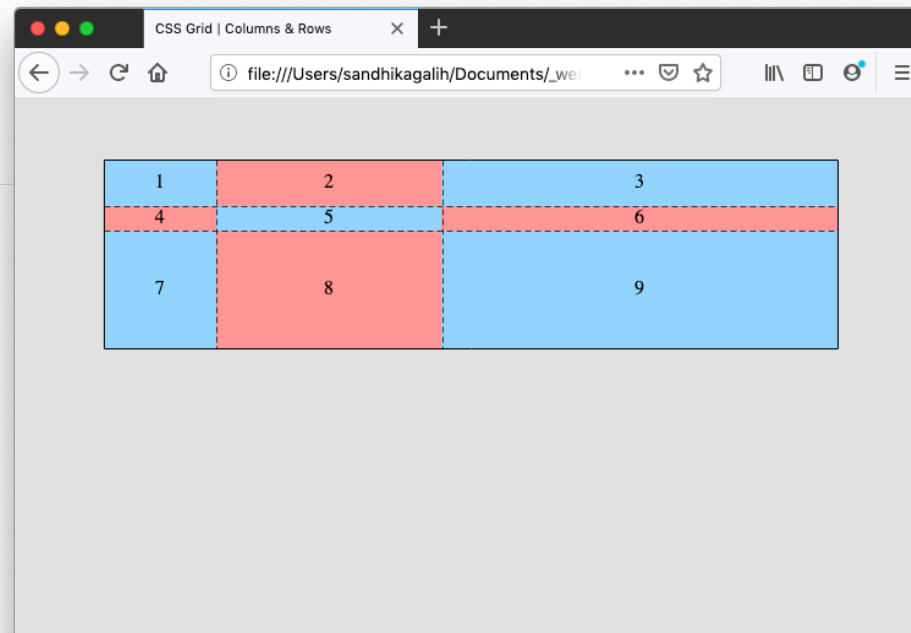


```
.container {  
  display: grid;  
  grid-template-columns: <track-size> ... | <line-name> <track-size> ... ;  
  grid-template-rows: <track-size> ... | <line-name> <track-size> ... ;  
}
```

- **<track-size>** : bisa berupa **px**, **%**, **auto**, atau **fr** (fraction)
- **<line-name>** : nama yang bisa diberikan pada track

```
<div class="container">
  <div class="item">1</div>
  <div class="item">2</div>
  <div class="item">3</div>
  <div class="item">4</div>
  <div class="item">5</div>
  <div class="item">6</div>
  <div class="item">7</div>
  <div class="item">8</div>
  <div class="item">9</div>
</div>
```

```
.container {
  width: 600px;
  margin: 50px auto;
  display: grid;
  grid-template-columns: 1fr 2fr 3.5fr;
  grid-template-rows: 2fr 1fr 5fr;
}
```



@sandhikagalih



@sandhikagalih



fullstackdesigner.id

selesai.



next?



CSS Grid Properties

- `grid-template-columns`
- `grid-template-rows`
- `grid-auto-columns`
- `grid-auto-rows`
- `grid-auto-flow`
- `grid-template-areas`
- `grid-template`
- `grid-column-gap`
- `grid-row-gap`
- `grid-gap`
- `grid`
- `justify-items`
- `align-items`
- `place-items`
- `justify-content`
- `align-content`
- `place-content`

terimakasih.
@sandhikagalih



Dukung Channel WebProgrammingUNPAS dengan donasi ke :

<https://saweria.co/sandhikagalih>

