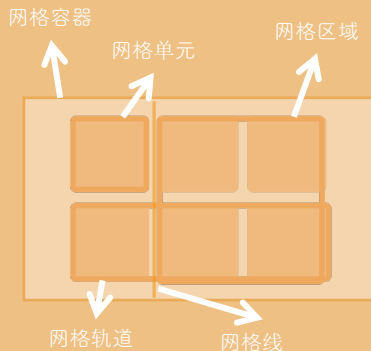


CSS Grid Cheatsheet

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基本构造



示例

HTML

```
<div class="container">
  <div class="item item-1"></div>
  <div class="item item-2"></div>
  <div class="item item-3"></div>
</div>
```

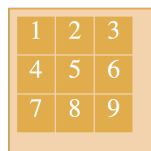
CSS

```
.container {
  display: grid | inline-grid;
}
```

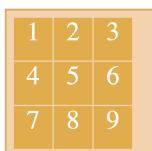
Grid Container (父元素)

grid-template...规定网格的行列 例 `grid-template-columns:grid-template-rows`

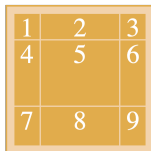
`grid-template-columns: 120px 120px 120px;`
`grid-template-rows: 120px 120px 120px;`



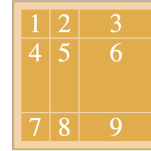
`grid-template-columns: repeat(3, 120px);`
`grid-template-rows: repeat(3, 1fr);`



`grid-template-columns: 80px auto 80px;`
`grid-template-rows: 80px auto 120px;`

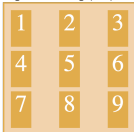


`grid-template-columns: 22% 22% auto;`
`grid-template-rows: 22% auto 22%;`



grid-gap...规定网格的行列间距 例 `grid-row-gap:grid-column-gap`

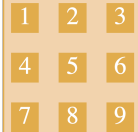
`grid-row-gap: 1px;`
`grid-column-gap: 9px;`



`grid-gap: 1px 9px;`



`grid-gap: 6px;`



grid-template-areas

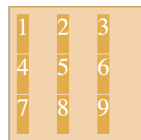
...规定网格的区域名称

grid-template-areas:
"header header header header"
"main main . sidebar"
"footer footer footer footer";

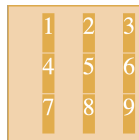


justify-items...调整网格中横轴方向的排布 例 `justify-items: stretch;`

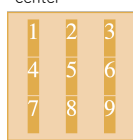
start



end



center

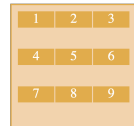


stretch (默认值)

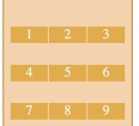


align-items...调整网格中纵轴方向的排布 例 `align-items: start;`

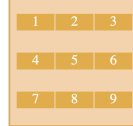
start



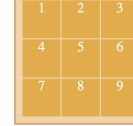
end



center

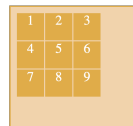


stretch (默认值)

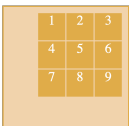


justify-content...调整网格中网格轨道横轴方向的排布 例 `justify-content: start;`

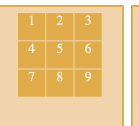
start



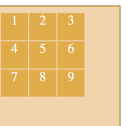
end



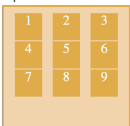
center



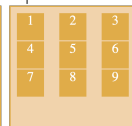
stretch



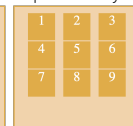
space-around



space-between

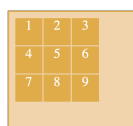


space-evenly

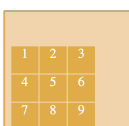


align-content...调整网格中网格轨道纵轴方向的排布 例 `align-content: start;`

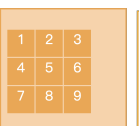
start



end



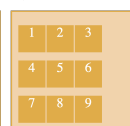
center



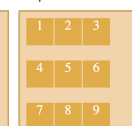
stretch



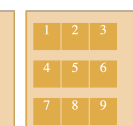
space-around



space-between



space-evenly



Grid Item (子项目)

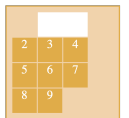
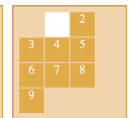
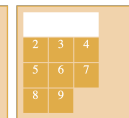
grid-column...规定项目在网格的横向的分布

例 `grid-column: 2 / 3`

`grid-column-start: 1; grid-column-start:`

`grid-column-end: 3; span 3;`

`grid-column: 2 / 3 grid-column: 2 / span 2`



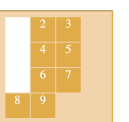
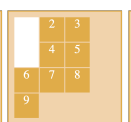
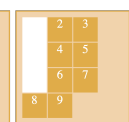
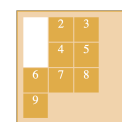
grid-row...规定项目在网格的纵向的分布 例 `grid-row-start: span 3;`

`grid-row-start: 1;`
`grid-row-end: 3;`

`grid-row-start: span 3;`

`grid-row: 1 / 3;`

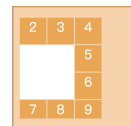
`grid-row: 1 / span 3;`



grid-area...调节项目在网格的位置

例 `grid-area: header;`

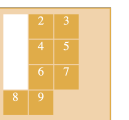
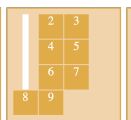
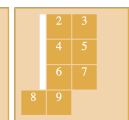
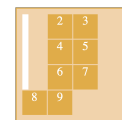
`grid-area: 2/1/4/3;`



justify-self...调节项目在网格的横向的位置

例 `justify-self: start;`

`justify-self: start; justify-self: end; justify-self: center; justify-self: stretch;`



place-self

align-self...调节项目在网格的纵向的位置

例 `align-self: start;`

`align-self: start; align-self: end; align-self: center; align-self: stretch;`

