CSS Grid Cheatsheet

基本构造

网格容器
网格单元
网格区域
网格轨道
网格线

示例

HTML

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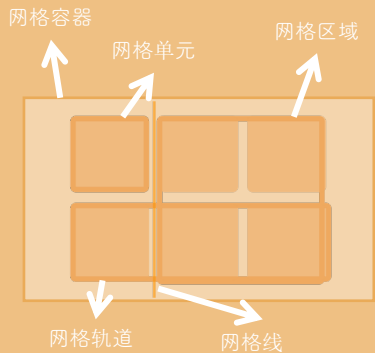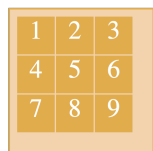
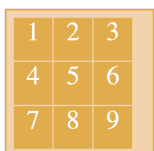### CSS

```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

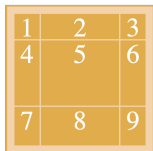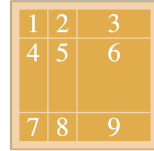grid-template-columns: 120px 120px 120px;
grid-template-rows: 120px 120px 120px;

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

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

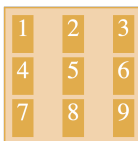grid-template-columns: 22% 22% auto;
grid-template-rows: 22% auto 22%;
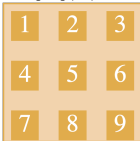
grid-gap ··规定网格的行列间距 例 grid-row-gap;grid-column-gap

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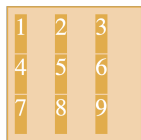
grid-gap: 1px 9px;

grid-gap: 6px;

grid-template-areas ··规定网格的区域名称

grid-template-areas:
"header header header header"
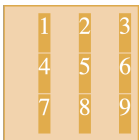"main main . sidebar"
"footer footer footer footer";
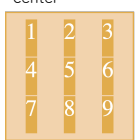
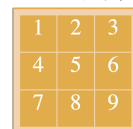### justify-items ··调整网格中横轴方向的排布 例 justify-items: stretch;

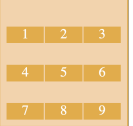start   end   center   stretch（默认值）

place-items

align-items ··调整网格中纵轴方向的排布 例 align-items: start;
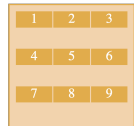
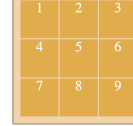start   end   center   stretch（默认值）
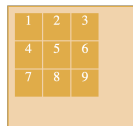
justify-content ··调整网格中网格轨道横轴方向的排布 例 justify-content: start;

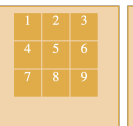start   end   center   stretch   space-around   space-between   space-evenly

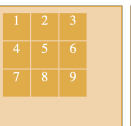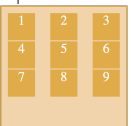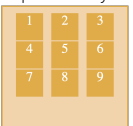**place-content**

align-content ··调整网格中网格轨道纵轴方向的排布 例 align-content: start;
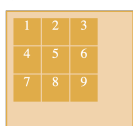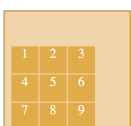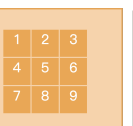
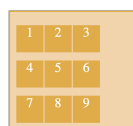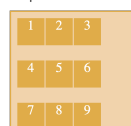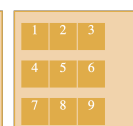start   end   center   stretch   space-around   space-between   space-evenly
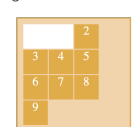
Grid Item（子项目）

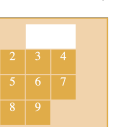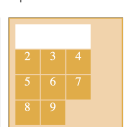### grid-column ··规定项目在网格的横向的分布

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

place-self
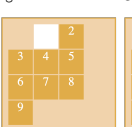
grid-row ··规定项目在网格的纵向的分布 例 grid-row-start: span 3;
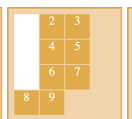
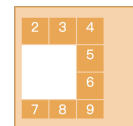grid-row-start: 1;   grid-row-start:
grid-row-end: 3;   span 3;   grid-row: 1 / 3   grid-row: 1 / span 3
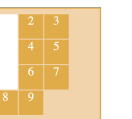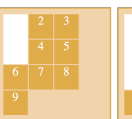
grid-area ··调节项目在网格的位置

例 grid-area: header;

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

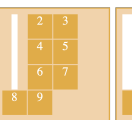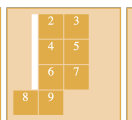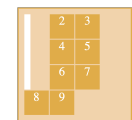### justify-self ··调节项目在网格的横向的位置

例 justify-self: start;

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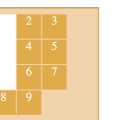
place-self

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;