CSS Grid Cheatsheet

基本构造

网格容器
网格区域
网格单元
网格轨道
网格线

示例

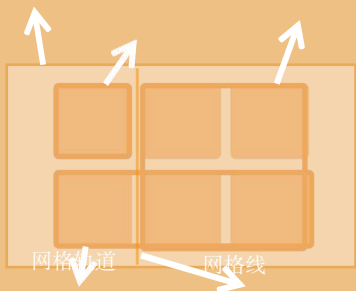**HTML**

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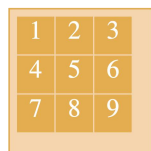
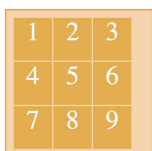**CSS**

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

Grid Container（父元素）
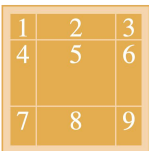
grid-template…规定网格的行列 例 grid-template-columns;grid-template-rows

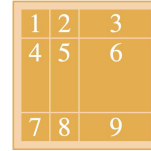grid-template-columns:120px 120px 120px;
grid-template-rows:120px 120px 120px;

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%;
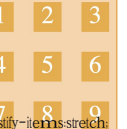
grid-gap…规定网格的行列间距 例 grid-row-gap;grid-column-gap

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 main sidebar"
"footer footer footer footer";

justify-items…调整网格中横轴方向的排布 例 justify-items:stretch;
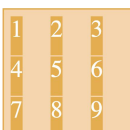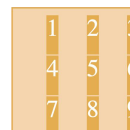
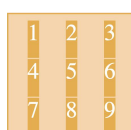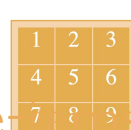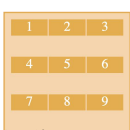start　　end　　center　　stretch（默认值）

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

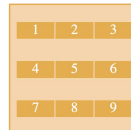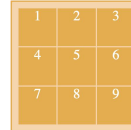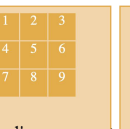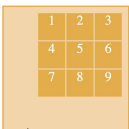start　　end　　center　　stretch（默认值）

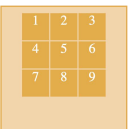place-items

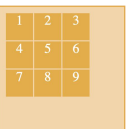## justify-content…调整网格中网格轨道横轴方向的排布 例 justify-content:start;
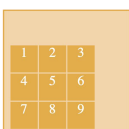
start　end　center　stretch　space-around　space-between　space-evenly

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

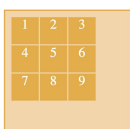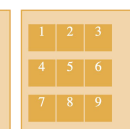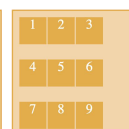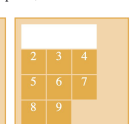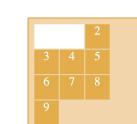start　end　center　stretch　space-around　space-between　space-evenly

place-content
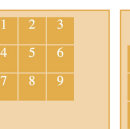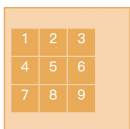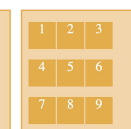
Grid Item（子项目）

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-end:3;　span3;　grid-column:2/3　grid-column:2/span2
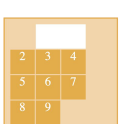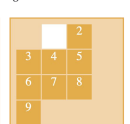
grid-row…规定项目在网格的纵向的分布 例 grid-row-start:span3;

grid-row-start:1;grid-row-end:3;　grid-row-start:span3;　grid-row:1/3;　grid-row:1/span3;

place-self
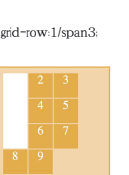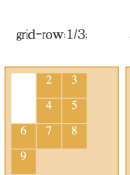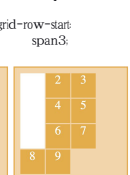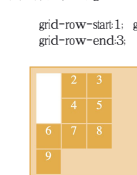
grid-area…调节项目在网格的位置 例

grid-area:header;

grid-area:2/1/4/3;
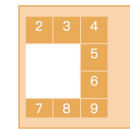
justify-self…调节项目在网格的横向的位置 例

justify-self:start;

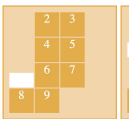justify-self:start;　justify-self:end;　justify-self:center;　justify-self:stretch;
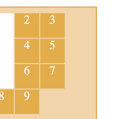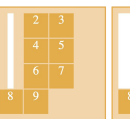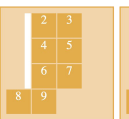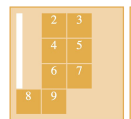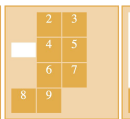
align-self…调节项目在网格的纵向的位置 例

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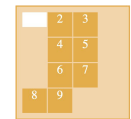
align-self:start;　align-self:end;　align-self:center;　align-self:stretch;

place-self