

## 2.6 CSS 中的盒子



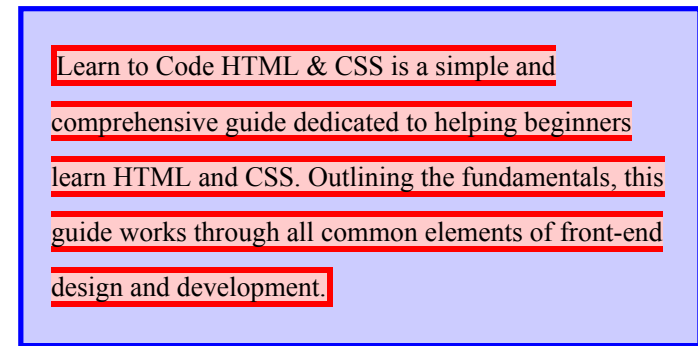
# DOM 树与盒子

- 根据 DOM 树生成盒子
- 摆放盒子 (Layout)
  - 盒子尺寸和类型
  - 定位模式 (positioning scheme )
  - 节点在 DOM 树中的位置
  - 其它信息 (窗口大小、图片大小等)

# 不同的盒子

```
<p><span>Learn to Code HTML & CSS  
is a simple and ... </span></p>
```

```
<style>  
  p {  
    line-height: 2;  
    padding: 1em;  
    border: 3px solid blue;  
    background: #ccf;  
  }  
  span {  
    background: #fcc;  
    border: 3px solid red;  
  }  
</style>
```



[/s.codepen.io/webzhao/debug/rQpqGJ/bYMdyeREe...](https://s.codepen.io/webzhao/debug/rQpqGJ/bYMdyeREe...)

# 块级 vs. 行级

Block Level Box

不和其它盒子并列摆放

适用所有的盒模型属性

Inline Level Box

和其它行级盒子一起放在一行或拆开成多行

盒模型中的width、height不适用

# 块级元素与行级元素

生成块级盒子

body、article、div、main、  
section、h1-6、p、ul、li 等

display: block

生成行级盒子; 内容分散在多个行盒 (line box) 中

span、em、strong、cite、  
code 等

display: inline

# display

block	块级盒子
inline	行级盒子
inline-block	本身是行级，可以放在行盒中；可以设置宽高；作为一个整体不会被拆散成多行
none	排版时完全被忽略

# inline-block

```
<p>An inline-block box is something ...  
  <em>it won't be broken</em>  
  ... it won't break across two lines.  
</p>
```

```
<style>  
  em {  
    color: red;  
    background: coral;  
    display: inline-block;  
    width: 10em;  
  }  
</style>
```

An inline-block box is something in between the first two: It flows with surrounding text without creating line breaks before and after it like an inline box, but it can be sized using width and height and maintains its block integrity like a block box — *it won't be broken* across paragraph lines (an inline-block box that overflows a line of text will drop down onto a 2nd line, as there is not enough space for it on the first line, and it won't break across two lines.)