

Tables

th elements define table headers

Person 1	Person 2	Person 3
Emil	Tobias	Linus
16	14	10

Html is:

```
<!DOCTYPE html>
<html>
<head>
  <link rel="stylesheet" href="css/styles.css">
  <title>Document</title>
</head>

<body>
  <h2>TH elements define table headers</h2>

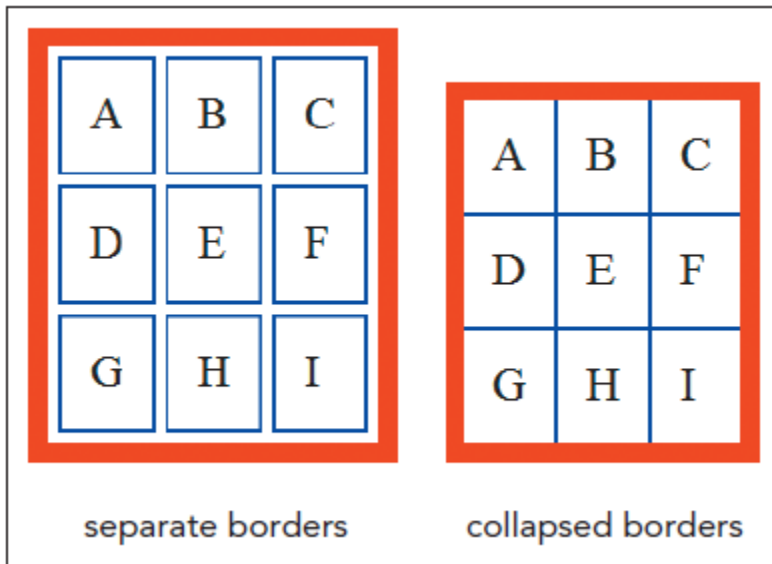
  <table style="width: 100%">
    <tr>
      <th>Person 1</th>
      <th>Person 2</th>
      <th>Person 3</th>
    </tr>
    <tr>
      <td>Emil</td>
      <td>Tobias</td>
      <td>Linus</td>
    </tr>
    <tr>
      <td>16</td>
      <td>14</td>
      <td>10</td>
    </tr>
  </table>
</body>
</html>
```

Apply

Styles1.csss

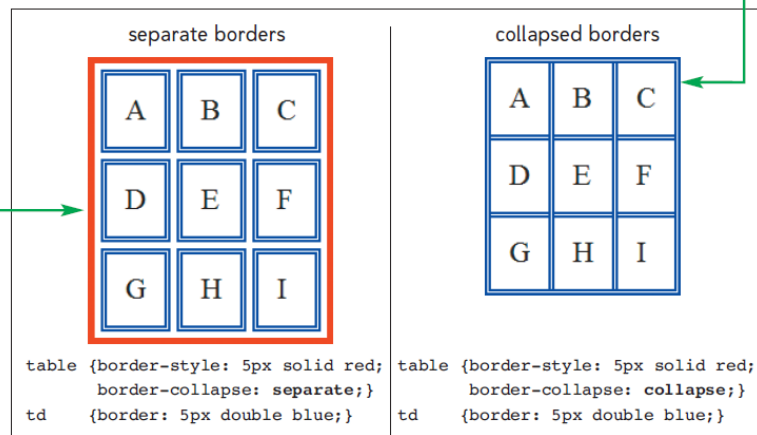
```
table,
th,
td {
  border: 1px solid black;
}
```

Collapsed borders



in the separate borders model, a single red border is placed around the entire table and a double blue border is placed around individual cells

in the collapsed borders model, double borders around individual cells takes precedence over the single border around the entire table



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Styles2.css

```
table,
th,
td {
  border: 1px solid black;
  border-collapse: collapse;
}
```

Borders

th elements define table headers

Person 1	Person 2	Person 3
Emil	Tobias	Linus
16	14	10

Styles3.css

```
table {
  border: 10px outset rgb(70, 57, 163);
}
```

Table generator

<https://divtable.com/table-styler/>

Spanning Rows and Columns

rowspan="rows" colspan="cols"

examples

NAME		

APRIL		

2022		
FIESTA		

Building

th elements define table headers

Person Names	Person 2	Person 3
	Tobias	Linus
Age	14	10

Html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <link rel="stylesheet" href="css/styles2.css">
</head>
<body>
  <h2>th elements define table headers</h2>

  <table style="width: 100%">
    <tr>
      <th rowspan="2">Person Names</th>
      <th>Person 2</th>
      <th>Person 3</th>
    </tr>
    <tr>
      <td>Tobias</td>
      <td>Linus</td>
    </tr>
    <tr>
      <td>Age</td>
      <td>14</td>
      <td>10</td>
    </tr>
  </table>

</body>
</html>
```

Building

th elements define table headers

Person Names		Age
Tobias	McDonald	14
John	Ramsey	10

html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <link rel="stylesheet" href="css/styles2.css">
</head>
<body>
  <h2>th elements define table headers</h2>

  <table style="width: 100%">

    <tr>
      <th colspan="2">Person Names</th>
      <!-- <th>Person 2</th> -->
      <th>Age</th>
    </tr>
    <tr>
      <td>Tobias</td>
      <td>McDonald</td>
      <td>14</td>
    </tr>
    <tr>
      <td>John</td>
      <td>Ramsey</td>
      <td>10</td>
    </tr>
  </table>

</body>
</html>
```

Table Caption

<caption>content</caption>

th elements define table headers

Person Names		Age
Tobias	McDonald	14
John	Ramsey	10

caption content

Html

```
<table style="width: 100%">
  <caption>caption content</caption>
```

Css

```
table caption {
  caption-side: bottom;
  text-align: right;
}
```

Grouping Rows

Grouping rows are easy

You just wrap the group with an element and style it.

For example some rows are wrapped in a <thead>

```
<thead>
  <tr>
    <th colspan="2">DLR Programs</th>
  </tr>
  <tr>
    <th>Time</th>
    <th>Program</th>
  </tr>
</thead>
```

You can use multiple <tbody> elements so wrap your target rows and style them accordingly.

Styling group rows won't work with <div> or other tags. Only use <thead>, <tbody>, and <tfoot>.

Colgroups

Grouping columns are implicit and is a bit different than row group.

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Person Names	Person 2	Age
Tobias	McDonald	14
John	Ramsey	10

caption content

Html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <link rel="stylesheet" href="css/styles2.css">
</head>
<body>
  <h2>th elements define table headers</h2>

  <table style="width: 100%">
    <caption>caption content</caption>
    <colgroup>
      <col span="1">
      <col span="1" style="background-color: pink">
    </colgroup>
    <tr>
      <th>Person Names</th>
      <th>Person 2</th>
      <th>Age</th>
    </tr>
    <tr>
      <td>Tobias</td>
      <td>McDonald</td>
      <td>14</td>
    </tr>
    <tr>
      <td>John</td>
      <td>Ramsey</td>
      <td>10</td>
    </tr>
  </table>

</body>
</html>
```