

<colgroup>-COLUMN GROUP TAG IN HTML

- The <colgroup> tag specifies a **group of columns** in a table for formatting.
- The <colgroup> tag is suitable for applying styles to whole columns, instead of copying the styles for each cell, for each row.
- The < colgroup > tag supports **Global Attributes and Event Attributes**.

Syntax for colgroup tag:

```
<colgroup> content </colgroup>
```

Differences between HTML 4.01 and HTML5 for colgroup tag:

HTML 4.01

- <align>, <char>, <charoff>, <valign>, <width> are supported.

HTML5

- All Layout attributes are not supported



Sample coding for colgroup tag:

```
<!DOCTYPE html>
<html>
  <body>
    <table border=1>
      <colgroup>
        <col span="1" style="background-color:red">
        <col style="background-color:green">
      </colgroup>
      <tr>
        <th>Firstname</th>
        <th>Lastname</th>
      </tr>
      <tr>
        <td>Wiki</td>
        <td>techy</td>
      </tr>
    </table>
  </body>
</html>
```

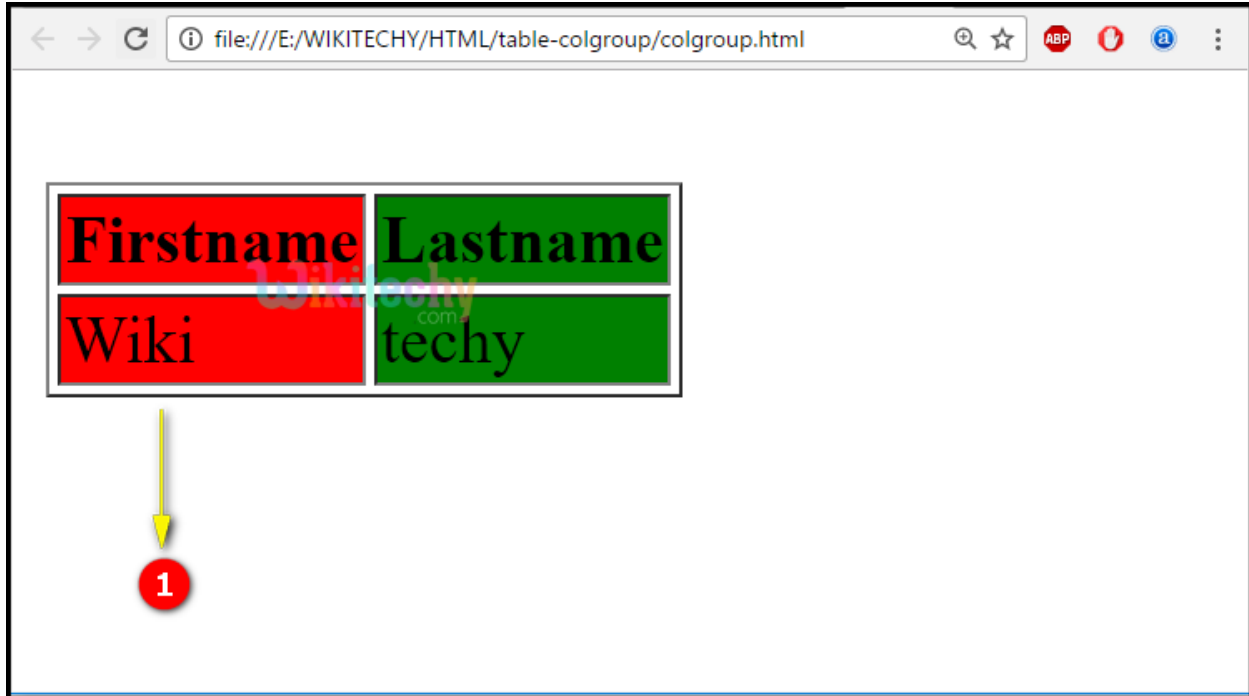


Code Explanation for colgroup tag:

```
!DOCTYPE html>
<html>
  <body>
    <table border=1>
      <colgroup> 1
      <col span="1" style="background-color:red"> 2
      <col style="background-color:green">
    </colgroup>
    <tr>
      <th>Firstname</th>
      <th>Lastname</th>
    </tr>
    <tr>
      <td>Wiki</td>
      <td>techy</td>
    </tr>
  </table>
</body>
</html>
```

1. **<colgroup> tag** - is used for group the column in the table.
2. **Col** is the tag and the style color **red** is applied for single column with its span property as 1.

Sample Output for colgroup tag:



1. Here in this output **Red Color** style property for single column has been applied over here whose span property is 1.

Note: Here span property "1" indicates the first column.

Attributes list:

Attributes	Value	HTML 4.0.1	HTML 5	Description
span	number	yes	yes	Defines the number of columns.
align	left right center justify char	yes	no	Provides the alignment of the content.
width	% pixels relative_length	yes	no	Defines the width.
valign	top middle bottom baseline	yes	no	Describes the alignment of the content in vertical.
char	character	yes	no	Defines the content alignment relevant to a character.
charoff	number	yes	no	Provides the number of characters.



Browser Support for colgroup tag:

Browser	Language Attribute
Chrome	Yes
Internet explorer / Edge	Yes
Firefox	Yes
Safari	Yes
Opera	Yes

Tips and Notes

- The <colgroup>tag have a child of <table> tag.
- <col> tag is used within the <colgroup>tag to specifies another properties to the column.