

Table in CSS

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives

In this tutorial, we will learn:



Learning Objectives

In this tutorial, we will learn:

- ▶ Table **properties** in CSS



Learning Objectives

In this tutorial, we will learn:

- ▶ **Table properties in CSS**
- ▶ **Customising the width, height, padding, colour and alignment of cells in the table**



System Requirements

This tutorial is recorded using



System Requirements

This tutorial is recorded using

▶ `Ubuntu Linux OS v 18.04`



System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3



System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3
- ▶ HTML5



System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3
- ▶ HTML5
- ▶ `gedit` **Text Editor**



System Requirements

This tutorial is recorded using

- ▶ Ubuntu Linux OS v 18.04
- ▶ CSS3
- ▶ HTML5
- ▶ gedit **Text Editor**
- ▶ Firefox **Web Browser**



Prerequisite



Prerequisite

- ▶ **You should know to use HTML and CSS**



Prerequisite

- ▶ You should know to use HTML and CSS
- ▶ If not, please go through the HTML and CSS tutorials on <https://spoken-tutorial.org>



Code Files

- ▶ **The files used in this tutorial are available in the Code Files link on this tutorial page**



Code Files

- ▶ The files used in this tutorial are available in the Code Files link on this tutorial page
- ▶ Please download and extract them



Code Files

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- ▶ Please download and extract them
- ▶ Make a copy and then use them while practising



Table

- ▶ **Using CSS we can style and format the tables**



Table

These are the CSS table properties:

- ▶ **Border**
- ▶ **Height**
- ▶ **Padding**
- ▶ **Caption**
- ▶ **Width**
- ▶ **Alignment**
- ▶ **Color**



Alignment

- ▶ **Text inside the table can be aligned horizontally or vertically**



Horizontal Alignment

In horizontal alignment:



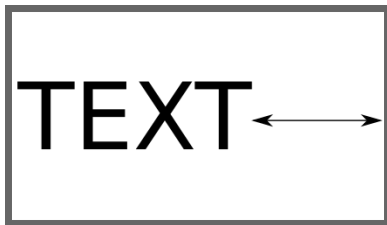
Horizontal Alignment

In horizontal alignment:

- ▶ **The text inside the table can be aligned either to the left, right, center or justify**



Horizontal Alignment



- **The text of the standard cell is left-aligned**



Horizontal Alignment



- **The text of the heading is center-aligned**



Vertical Alignment

In vertical alignment:



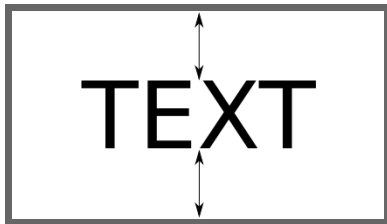
Vertical Alignment

In vertical alignment:

- ▶ **The text inside the table can be aligned either to the top, bottom, or middle**



Vertical Alignment



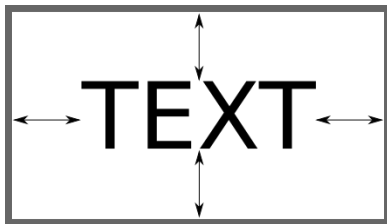
- **The text for standard cell and heading is set to the middle**



Padding



Padding



- Padding **property controls the space between the border and text inside the table**



Padding

- ▶ `padding-top`
- ▶ `padding-right`
- ▶ `padding-bottom`
- ▶ `padding-left`
- ▶ `padding: top-value
right-value bottom-value
left-value;`



Caption

- ▶ **Using CSS, we can set the position of the caption for the table**



Caption

- ▶ **Using CSS, we can set the position of the caption for the table**
- ▶ **Caption can be placed at the top or bottom of the table**



Caption

- ▶ **Using CSS, we can set the position of the caption for the table**
- ▶ **Caption can be placed at the top or bottom of the table**
- ▶ **By default, the position of the caption is set to top**



Summary

In this tutorial, we have learnt:

- ▶ **Table properties in CSS**
- ▶ **Customising the width, height, padding, colour and alignment of cells in the table**



Assignment

- ▶ **Open the file `webpage.html` which you have created earlier**
- ▶ **Add a table with a caption**
- ▶ **Open the file `styles.css` which you have created earlier**



Assignment

Set following properties for table:

- ▶ Solid blue 4px border **with** border-collapse **property**
- ▶ Width **to** 30%
- ▶ Height **of the** heading **to** 30px



Assignment

Set following properties for table:

- ▶ Background color **of the** heading **to** pink
- ▶ Caption **at the** bottom



Assignment

- ▶ **Link the `styles.css` file to the `webpage.html` file**
- ▶ **Observe the output**



About Spoken Tutorial project

- ▶ Watch the video available at https://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to contact@spoken-tutorial.org



Answers for THIS Spoken Tutorial

- ▶ **Questions in THIS Spoken Tutorial?**
- ▶ **Visit**
<https://forums.spoken-tutorial.org>
- ▶ **Choose the minute and second where you have the question**
- ▶ **Explain your question briefly**
- ▶ **The Spoken Tutorial project will ensure an answer**

You will have to register to ask questions



Acknowledgements

- ▶ **Spoken Tutorial project is funded by Ministry of Education (MoE), Govt. of India**



Thank You

Thanks for joining
<https://spoken-tutorial.org>

