

Advanced Table Design in CSS

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Neha Solanki

IIT Bombay

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Learning Objectives

In this tutorial, we will learn:



Learning Objectives

In this tutorial, we will learn:

- ▶ **Some** advanced table designs in CSS



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

- ▶ The files used in this tutorial are available in the Code Files link on this tutorial page
- ▶ Please download and extract them
- ▶ Make a copy and then use them while practising



Table

- ▶ **Using CSS we can design tables in many ways**



Table

These are the different ways to design tables

- ▶ **Horizontal Border Divider**
- ▶ **Hover Color**
- ▶ **Zebra Strips**
- ▶ **Column Decoration**



Table

These are the different ways to design tables

- ▶ **Setting Background Image**
- ▶ **Table Layout**
- ▶ **Responsive Table**



Layout

- ▶ **Tables can expand and contract according to the text in the table**



Layout

- ▶ Tables can expand and contract according to the text in the table
- ▶ Layout **property** controls the expansion and contraction of the tables



Layout Values



Layout Values

- ▶ `auto(default)`: column width **is set automatically to fit the text**



Layout Values

- ▶ `auto(default)`: column width is **set automatically to fit the text**
- ▶ `fixed`: width is **fixed** and it **does not change automatically to fit the text**



Responsive

- ▶ Responsive **property** helps to **display the tables smoothly on any screen size**



Responsive

- ▶ Responsive **property** helps to **display the tables smoothly on any screen size**
- ▶ **It enables** horizontal scroll bars **to display full content of the table if required**



Summary

In this tutorial, we have learnt:

- ▶ **Some** advanced table designs in CSS



Assignment

- ▶ **Open the file `styles.css` which you have created earlier**
- ▶ **Set the Zebra style for the table with lightcyan color for the even rows**



Assignment

- ▶ **Link the `styles.css` file to `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



Forum

- ▶ 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>

