

Multi-column Layout 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:

- ▶ **How to create a Multi-column Layout 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

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



Multi-column Layout



Multi-column Layout

- ▶ It is used mostly for creating layouts for newspapers, magazines, etc.



Multi-column Layout

- ▶ It is used mostly for creating layouts for newspapers, magazines, etc.
- ▶ It is created and styled using the CSS `column` properties



Column Properties

column-width

column-gap

column-rule-width

column-rule

column-count

column-rule-style

column-rule-color

column-span



column-width

- ▶ `column-width` **property** is used to **set the width of every** column



column-width

- ▶ `column-width` **property** is used to **set the width of every** column
- ▶ **It also controls the number of** columns



column-count

- ▶ `column-count` **property** is used to **divide the element into a number of columns**



column-gap

- ▶ **column-gap property is used to set the gap between columns**



column-rule-style

- ▶ `column-rule-style` **property is used to display a ruler between the columns**



column-rule-style

- ▶ `column-rule-style` **property** is used to display a ruler between the columns
- ▶ **Ruler can be styled** as solid, dotted, dashed, **etc.**



column-rule-width

- ▶ `column-rule-width` **property is used to set the width of ruler between columns**



column-rule-width

- ▶ `column-rule-width` **property is used to set the width of ruler between columns**
- ▶ **This property works after specifying `column-rule-style` property**



column-rule-color

- ▶ `column-rule-color` **property is used to set the color of ruler between columns**



column-rule-color

- ▶ `column-rule-color` **property is used to set the color of ruler between columns**
- ▶ **This property works after specifying `column-rule-style` property**



column-rule

- ▶ **column-rule** is shorthand property for setting style, width and color of ruler



column-span

- ▶ `column-span` **property** is used to **stretch** an element **across** columns



column-span

- ▶ `column-span` **property** is used to **stretch an element across** columns
- ▶ **Its values are:** `none`, `all`, `initial` and `inherit`



column-span

- ▶ **column-span property is used to stretch an element across columns**
- ▶ **Its values are:** none, all, initial **and** inherit
- ▶ **Its default value is none**



Summary

In this tutorial, we have learnt:

- ▶ Multi-column Layout **in** CSS



Assignment

- ▶ **Open the file `webpage.html` which you have created earlier**
- ▶ **Add some content more than 10 lines**



Assignment

- ▶ **Open the file `styles.css` which you have created earlier**
- ▶ **Divide the content into 4 columns**
- ▶ **Using shorthand add a dotted red 4px ruler**



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>

