

[Sign in](#)[Technologies ▼](#)[References & Guides ▼](#)[Feedback ▼](#)[English ▼](#)

flex-wrap

The **flex-wrap** [CSS](#) property sets whether flex items are forced onto one line or can wrap onto multiple lines. If wrapping is allowed, it sets the direction that lines are stacked.

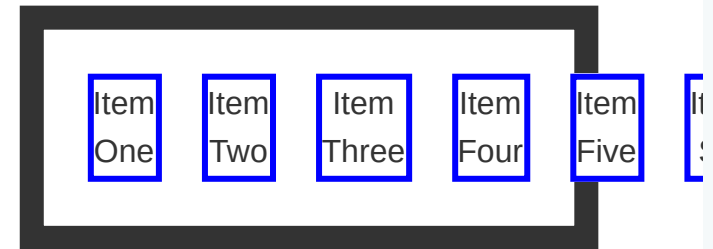
CSS Demo: flex-wrap

Reset

```
flex-wrap: nowrap;
```

```
flex-wrap: wrap;
```

```
flex-wrap: wrap-reverse;
```



See [Using CSS flexible boxes](#) for more properties and information.

Syntax

```
flex-wrap: nowrap; /* Default value */
flex-wrap: wrap;
flex-wrap: wrap-reverse;

/* Global values */
flex-wrap: inherit;
flex-wrap: initial;
flex-wrap: unset;
```

The `flex-wrap` property is specified as a single keyword chosen from the list of values below.

Values

The following values are accepted:

`nowrap`

The flex items are laid out in a single line which may cause the flex container to overflow.

The **cross-start** is either equivalent to **start** or **before** depending on the `flex-direction` value. This is the default value.

`wrap`

The flex items break into multiple lines. The **cross-start** is either equivalent to **start** or **before** depending `flex-direction` value and the **cross-end** is the opposite of the specified **cross-start**.

`wrap-reverse`

Behaves the same as `wrap` but **cross-start** and **cross-end** are permuted.

Formal definition

Initial value	<code>nowrap</code>
Applies to	flex containers
Inherited	no
Computed value	as specified
Animation type	discrete

Formal syntax

nowrap | wrap | wrap-reverse

Examples

Setting flex container wrap values

HTML

```
1 <h4>This is an example for flex-wrap:wrap </h4>
2 <div class="content">
3   <div class="red">1</div>
4   <div class="green">2</div>
5   <div class="blue">3</div>
6 </div>
7 <h4>This is an example for flex-wrap:nowrap </h4>
8 <div class="content1">
9   <div class="red">1</div>
10  <div class="green">2</div>
11  <div class="blue">3</div>
12 </div>
13 <h4>This is an example for flex-wrap:wrap-reverse </h4>
    <div class="content2">
```

```
14 <div class="red">1</div>
15 <div class="green">2</div>
16 <div class="blue">3</div>
17 </div>
18
```

CSS

```
1  /* Common Styles */
2  .content,
3  .content1,
4  .content2 {
5      color: #fff;
6      font: 100 24px/100px sans-serif;
7      height: 150px;
8      text-align: center;
9  }
10
11 .content div,
12 .content1 div,
13 .content2 div {
14     height: 50%;
15     width: 300px;
16 }
17 .red {
18     background: orangered;
19 }
20 .green {
21     background: yellowgreen;
```

```
22 }
23 .blue {
24     background: steelblue;
25 }
26
27 /* Flexbox Styles */
28 .content {
29     display: flex;
30     flex-wrap: wrap;
31 }
32 .content1 {
33     display: flex;
34     flex-wrap: nowrap;
35 }
36 .content2 {
37     display: flex;
38     flex-wrap: wrap-reverse;
39 }
40
```

Results

This is an example for flex-wrap:wrap

1

2

3

This is an example for flex-wrap:nowrap

1

2

3


This is an example for flex-wrap:wrap-reverse

3

1















2

Specifications

Specification	Status	Comment
CSS Flexible Box Layout Module The definition of 'flex-wrap' in that specification.	 Candidate Recommendation	

Browser compatibility

[Update compatibility data on GitHub](#)

											
 Chrome	 Edge	 Firefox	 Internet Explorer	 Opera	 Safari	 Android webview	 Chrome for Android	 Firefox for Android	 Opera for Android	 Safari on iOS	 Samsung Internet

flex-wrap

29	12	28	11 *	17	9	4.4	29	52	18	9	2.0
----	----	----	------	----	---	-----	----	----	----	---	-----

What are we missing?



Full support



Partial support

*

See implementation notes.

:X:

Requires a vendor prefix or different name for use.

See also

- CSS Flexbox Guide: [Basic Concepts of Flexbox](#)
- CSS Flexbox Guide: [Mastering wrapping of flex items](#)

Last modified: Aug 5, 2020, by MDN contributors

Related Topics

CSS

CSS Reference

CSS Flexible Box Layout

▼ Guides

[Aligning Items in a Flex Container](#)

[Backwards Compatibility of Flexbox](#)

[Basic concepts of flexbox](#)

[Controlling Ratios of Flex Items Along the Main Axis](#)

[Cross-browser Flexbox mixins](#)

[Mastering Wrapping of Flex Items](#)

[Ordering Flex Items](#)

[Relationship of flexbox to other layout methods](#)

[Typical use cases of Flexbox](#)

▼ Properties

`flex`

`flex-basis`

`flex-direction`

`flex-flow`

`flex-grow`

`flex-shrink`

`flex-wrap`

`order`



Learn the best of web development

Get the latest and greatest from MDN delivered straight to your inbox.

Sign up now