

Flex Wrap in CSS

Overview

The flex-wrap property specifies whether the flex items should wrap or not. By default, flex items **try to fit into one line**. This property allows you to change that and allow the items to flow into multiple lines as needed with this property.

- nowrap (**Default**)
- wrap
- wrap-reverse

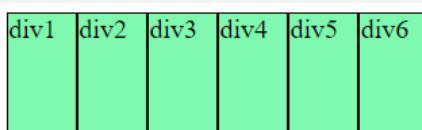
HTML :

```
<div class="flex-container">
  <div >div1</div>
  <div >div2</div>
  <div >div3</div>
  <div >div4</div>
  <div >div5</div>
  <div >div6</div>
</div>
```

CSS :

```
.flex-container {
  display: flex;
  width: 250px;
  height: 200px;
  background : lightgrey;
}

.flex-container div {
  width: 70px;
  height: 70px;
  background-color: #7ff9ae;
  border : 1px solid black ;
}
```



Default :

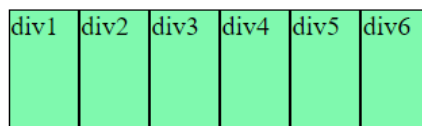
- ❖ In the above example width of the container is 250 px, and the width of 6 divs is 70px each that sums up to 420px which is greater than the width of the container. And as per the property of flex, it is adjusted in a single line now let's see the results for the wrap.

nowrap

The nowrap value specifies that the flex items will not wrap, i.e. it will make all the flex-items appear in a single line, no matter how many items are present inside the flex-container. It is a default value but you can use `flex-wrap: nowrap` ; as well in the flex-container class.

CSS :

```
CSS{
    flex-wrap : no-wrap ;
}
```



Browser :

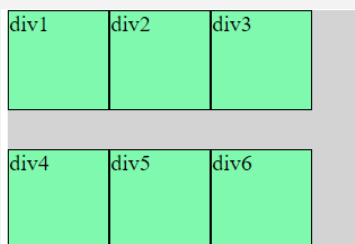
wrap

The wrap value specifies that the flex items will wrap if necessary, i.e. if the total flex items are width is larger than the width of the container, the items will arrange themselves in the **next row**.

The **vertical spacing of the items will be automatically decided** by this property. Use `flex-wrap: wrap` ; in the flex-container class to wrap the items.

CSS :

```
CSS{
    flex-wrap : wrap ;
}
```



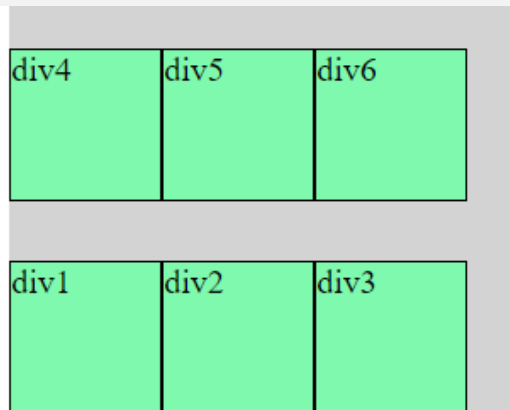
Browser :

wrap-reverse

The wrap-reverse value specifies that the flex items will **wrap in reverse order** if necessary, i.e. if the total flex items are width is larger than the width of the container, the items will arrange themselves in the next column but the items will start from the bottom of the container. Use `flex-wrap: wrap-reverse ;` in the flex-container class to wrap the items.

CSS :

```
CSS{
    flex-wrap : wrap-reverse ;
}
```



Browser :