

Flex Align Items in CSS

Overview

The align-items property is used to **align the flex items along the cross-axis**. The cross-axis is perpendicular to the main axis.

If the main axis is horizontal, then the cross-axis is vertical. If the main axis is vertical, then the cross axis is horizontal.

Align-items can be set to any of these values:

- flex-start
- flex-end
- center
- stretch **(Default)**
- baseline

stretch

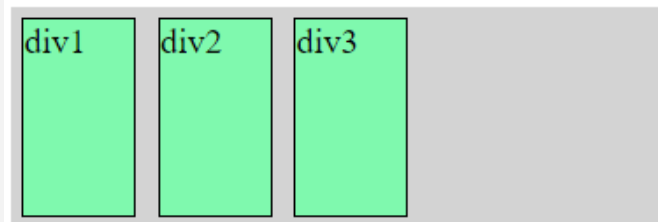
The stretch value stretches the flex items to **fill the container along the cross axis**.

This is the default value. Else use `align-items: stretch ;` in the flex-container class.

CSS :

```
.flex-container {
    display: flex;
    align-items: stretch ;
}
.flex-container div {
    width: 50px;
    min-height : 50 px ;
}
```

Browser :



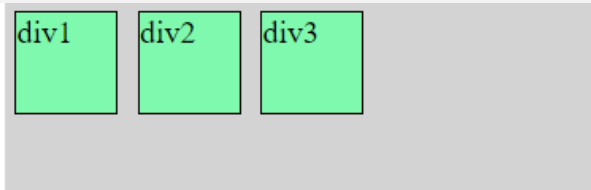
flex-start

The flex-start value aligns the items towards the **start of the cross axis**.

CSS :

```
.flex-container {
    display: flex;
    align-items: flex-start;
}
```

Browser :



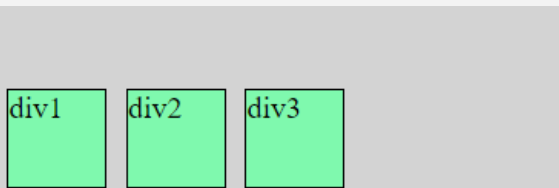
flex-end

The flex-end value aligns the items towards the **end of the cross axis**.

CSS :

```
.flex-container {
    display: flex;
    align-items: flex-end;
}
```

Browser :



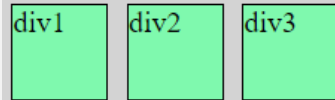
center

The center value aligns the items towards the **center of the cross axis**

CSS :

```
.flex-container {
    display: flex;
    align-items: center;
}
```

Browser :



baseline

The baseline value aligns the flex items such as the **baselines of the content inside the items**. This means that the bottom base of the content inside the flex item will be the axis to align the items.

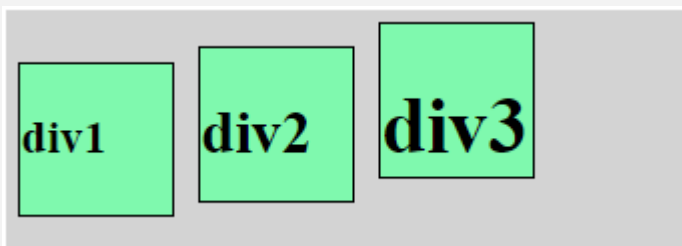
To work with this property, we need to make some variations in the above code. The changes are highlighted.

HTML :

```
<div class="flex-container">
  <div > <h3> div1 </h3> </div>
  <div > <h2> div2 </h2> </div>
  <div > <h1> div3 </h1> </div>
</div>
```

CSS :

```
.flex-container {
  display: flex;
  align-items: baseline;
}
```



Browser :