Flexbox Cheat Sheet

@simonpaix

LearnPine
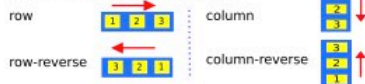
flex container (parent)

1 2 3

flex items (children)
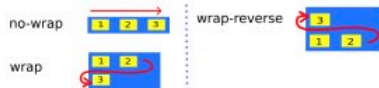
Parent properties

display: enables flex context for all direct children.
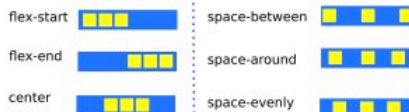
```
.container{
  display: flex;  // or inline-flex
}
```
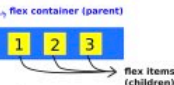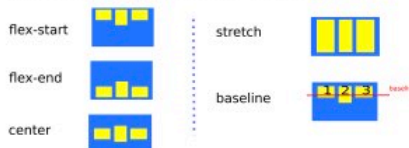
flex-direction: sets the main-axis.

row

1 2 3

column

1
2
3

row-reverse

3 2 1

column-reverse

3
2
1

flex-wrap: allows the items to wrap as needed.

no-wrap

1 2 3

wrap-reverse

3
1 2

wrap

1 2
3

justify-content: defines alignment along the main axis.

flex-start

space-between

flex-end

space-around

center

space-evenly

align-items: defines alignment along the cross axis.

flex-start

stretch

flex-end

baseline

1 2 3   baseline

center

align-content: aligns multiple lines, like justify-content does with individual items.

flex-start   flex-end   center   stretch

space-between   space-around
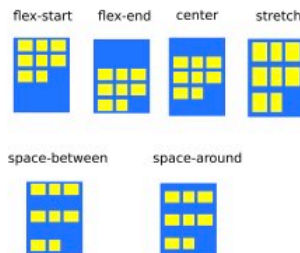
Children properties

order: changes the order of flex items.

```
.item {
  order: 3  // the default is 0
}
```

-1   0   1   2   3

flex-grow: allows item to grow using remaining space.

.item-1 { flex-grow: 0 }   .item-1 { flex-grow: 1 }
//default

1 2 3   1 2 3

Tip: If all items have flex-grow: 1, the remaining space is distributed equally.

flex-shrink: defines the ability for a flex item to shrink.

```
.one { flex-shrink: 1; }
.two { flex-shrink: 2; }
.three { flex-shrink: 3; }
.four { flex-shrink: 4; }
```

1   2   3   4

Tip: Defaults to 1. The highest the value the more it shrinks compared to siblings.

flex-basis: sets the default size of a flex item. It accepts:

- specific values : pixels, rm, %
- auto : defaults to width or height property
- content : automatic sizing, based on its content
- global values : inherit, initial, unset

align-self: overrides default alignment (or the one specified by align-items) for a specific item.

flex-start   center   flex-end

baseline   stretch

1 2 3   baseline