

Layout / Align Items

display: `flex` `inline-flex`

flex-flow: `<direction>` `<wrap>`

flex-direction: `row` `row-reverse`
`column` `column-reverse`

justify-content: `flex-start` `flex-end`
`center` `space-between`
`space-around`
`space-evenly`

align-items: `stretch` `flex-start`
`flex-end` `center` `baseline`

gap: `<length>` `<row>` `<column>`

flex-wrap: `nowrap` `wrap` `wrap-reverse`

Align Lines / Content

align-content: `stretch` `flex-start`
`flex-end` `center`
`space-between`
`space-around`
`space-evenly`

Aligns wrapped lines, not individual items

place-content: `<align-content>`
`<justify-content>`
`center` `space-between`

Shorthand for line/content alignment

Item Properties

flex: `<grow>` `<shrink>` `<basis>` `auto`

flex: 1 = flex: 1 1 0%

flex-grow: `<number>`

flex-shrink: `<number>`

flex-basis: `auto` `<length>`
`<percentage>`

align-self: `auto` `flex-start` `flex-end`
`center` `stretch`

order: `<integer>`

margin: `<length>` `auto`

Push item away from siblings

Axes

row (default)

→ `justify-content`

↓ `align-items`

column

↓ `justify-content`

→ `align-items`

flex-direction

1 2

row

1
2

column

2 1

row-reverse

2
1

col-reverse

justify-content

flex-start

flex-start

flex-end

flex-end

center

center

space-between

space-between

space-around

space-around

space-evenly

space-evenly

align-items

stretch

stretch

flex-start

flex-start

flex-end

flex-end

center

center

baseline

baseline

gap

gap: 4px

gap: 4px

gap: 8px 4px

gap: 8px 4px

flex-wrap

nowrap

nowrap

wrap

wrap

wrap-reverse

wrap-reverse

Item flex sizing

flex: 1

flex: 2

flex: 1

Item flex sizing with auto margin

40px

margin: auto;

40px