CSS Flexbox & Grid Cheat Sheet

Flexbox Basics

Flexbox is a layout model designed for arranging elements efficiently in a row or column.

To enable flexbox on a container:

```
.container {
  display: flex;
}
```

Key properties:

- flex-direction: row | row-reverse | column | column-reverse
- justify-content: flex-start | center | flex-end | space-between | space-around | space-evenly
- align-items: flex-start | center | flex-end | stretch | baseline
- flex-wrap: nowrap | wrap | wrap-reverse
- flex: 1 (Shorthand for grow, shrink, and basis)

CSS Grid Basics

CSS Grid is a two-dimensional layout system that handles both columns and rows.

To enable grid on a container:

```
.container {
  display: grid;
  grid-template-columns: repeat(3, 1fr);
  grid-gap: 10px;
}
```

Key properties:

- grid-template-columns: defines column structure
- grid-template-rows: defines row structure
- grid-gap: defines spacing between rows and columns
- grid-column: defines start and end column positions
- grid-row: defines start and end row positions