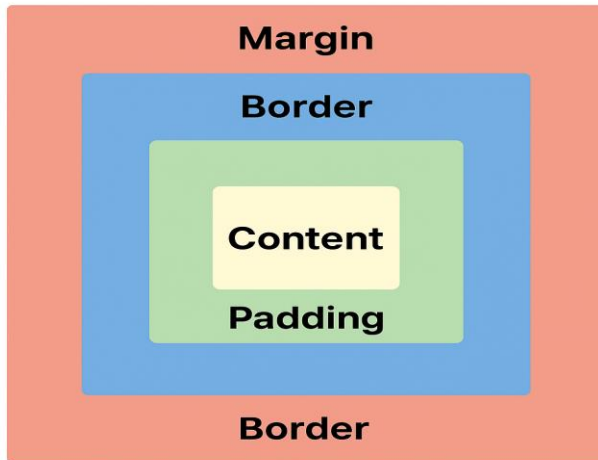The **CSS Box Model** is the foundation of layout in CSS. Every HTML element is treated as a rectangular box, and the **box model** defines how its size and space are calculated.

📦 Parts of the Box Model

1. **Content** → The actual text, image, or element inside.
2. **Padding** → Space between the content and the border (transparent).
3. **Border** → The line surrounding the padding and content.
4. **Margin** → Space outside the border (distance from other elements).

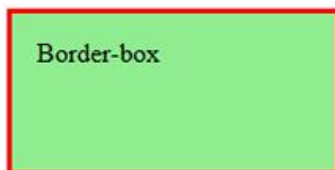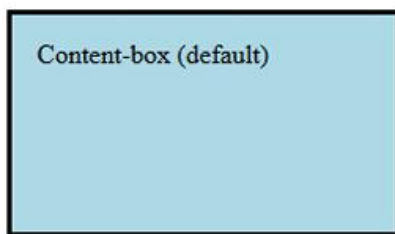## 🖼 Visual Representation

box-sizing → Controls how size is calculated

Defines if `width` includes padding & border.

- `content-box` (default) → width = **content only** (padding & border added separately).
- `border-box` → width = **content + padding + border** (everything fits inside 200px).

Example:

In this example:

- **Box 1 (content-box)** → Actual total width = `200px + padding + border`
- **Box 2 (border-box)** → Always stays `200px total`, even with padding & border