🌐 **CSS Inspection & Chrome Developer Tools – Notes**

1. Chrome Developer Tools Overview

- Powerful, **free toolset** built into **Google Chrome**.

- Helps inspect, debug, and modify HTML/CSS **live** in the browser.

- Must use **Chrome** to follow along — other browsers have different tools.

2. Opening Developer Tools

Methods:

- Via Menu:
  Three dots → More Tools → Developer Tools

- **Keyboard Shortcuts:**

  o **Mac:** Cmd + Option + I

  o **Windows:** Ctrl + Shift + I

  o **F12** also works on most systems.

- **Right-click → Inspect**
  Opens DevTools and highlights the selected HTML element.

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3. Elements Tab

- Displays the **HTML** structure of the page.

- Allows you to **select elements visually** (using the cursor icon at the top left).

- Shows **real-time link** between HTML and CSS.

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4. Styles Section

- Shows **all CSS rules applied** to a selected element.

- You can:

  o **Add new rules** (+ button).

  o **Edit values live** (e.g., change color: white; to color: black;).

  o **Disable/enable rules** by clicking the checkbox beside them.

- Shows the **CSS source file** (e.g., styles.css) where a rule comes from.

- **Important:**
  Any changes made here are **temporary** — they **don't modify** the actual CSS file.

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5. Local vs Original Files

- Edits made in DevTools only affect the **local copy loaded in Chrome**.

- Doesn't change the website's real files or affect other users.

- Used to **test and preview** before updating your code editor.

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6. Default vs Custom CSS

- HTML elements have **browser default styles** (like blue links, black text).

- When you apply your own CSS, your rules **override** these defaults.

- **Strikethrough rules** = overridden by a more specific rule.

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7. Computed Tab

- Displays the **final, applied CSS** after all cascading and inheritance.

- Shows values in **RGB, px, etc.**, removing confusion from crossed-out properties.

- Useful for checking **what's actually being applied**.

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8. CSS Overview Tool

Path:
⋮ (DevTools menu) → More Tools → CSS Overview

Steps:

- Click **"Capture overview"** to analyze a webpage's CSS.

- Provides insights like:

  - **Colors used** (background, text, etc.)

  - **Fonts used**

  - **Number of different colors, styles, and font families**

Use case:
Great for exploring other websites — check their **font names** and **color codes** to learn or get design inspiration.