**Debugging CSS: A Step-by-Step Guide**

**Common CSS Issues:**

* **Conflicting Styles:** Multiple stylesheets or inline styles can override each other, leading to unexpected results.
* **Typographical Errors:** Incorrect spelling or syntax in CSS rules can cause errors.
* **Selector Specificity Issues:** More specific selectors (e.g., IDs, classes) override less specific selectors (e.g., element selectors).
* **Browser Compatibility Issues:** Different browsers may interpret CSS differently, leading to inconsistencies in rendering.

**Using Browser Developer Tools:**

1. **Open the Developer Tools:**
   * **Chrome:** Right-click on the page and select "Inspect" or use the shortcut Ctrl+Shift+I (Windows/Linux) or Cmd+Opt+I (macOS).
   * **Firefox:** Right-click on the page and select "Inspect Element" or use the shortcut Ctrl+Shift+I (Windows/Linux) or Cmd+Opt+I (macOS).
   * **Edge:** Right-click on the page and select "Inspect" or use the shortcut Ctrl+Shift+I (Windows/Linux) or Cmd+Opt+I (macOS).
2. **Inspect Elements:**
   * Click on the element you want to inspect in the rendered page. The corresponding HTML element will be highlighted in the developer tools.
3. **Examine the Computed Style:**
   * In the developer tools, find the "Computed" tab or panel. This shows the final styles applied to the element after considering all inherited and applied styles.
4. **Identify CSS Problems:**
   * Compare the computed styles with your expected styles. Look for discrepancies in properties like color, font, layout, or positioning.
   * Check for conflicting styles by inspecting the "Styles" panel and looking for rules that might be overriding your intended styles.
5. **Test Changes Live:**
   * Modify the CSS rules directly in the developer tools. The changes will be reflected immediately in the rendered page, allowing you to test and refine your styles.
   * Once you've made the necessary changes, update your external CSS file to implement them permanently.

**Example:**

**Problem:** An element is not displaying correctly due to a conflicting style.

**Debugging Steps:**

1. **Inspect the element:** Right-click on the element and select "Inspect."
2. **Examine computed styles:** Check the "Computed" tab for any unexpected styles.
3. **Identify conflicting styles:** Look for rules that might be overriding the desired styles. For example, a more specific selector might be taking precedence.
4. **Modify the CSS:** Adjust the conflicting style or add a more specific selector to override it.
5. **Test changes:** Observe the changes in the rendered page and make further adjustments as needed.

By following these steps and using the browser developer tools effectively, you can efficiently debug CSS issues and ensure your web pages are styled correctly.