

What is difference between inline css and external css?

Feature	Inline CSS	External CSS
Definition	CSS styles applied directly within HTML elements using the style attribute.	CSS styles defined in a separate .css file and linked to the HTML document.
Syntax	<element style="property: value;">	<link rel="stylesheet" href="styles.css">
Location	Within the HTML tags in the document.	In an external file with a .css extension.
Ease of Use	Suitable for quick, small changes.	Better for larger projects with multiple pages.
Reusability	Limited to the element where it is applied.	Can be reused across multiple HTML files.
Maintainability	Harder to maintain due to scattered styles.	Easier to maintain and update styles in one place.
Performance	Can slow down the loading time if used extensively.	More efficient, especially with caching.
Specificity	High specificity; can override other styles easily.	Lower specificity; can be overridden by inline styles.
Separation of Concerns	Mixes content with presentation.	Keeps content and presentation separate.
Best Use Case	Small projects or when needing to apply a unique style to a single element.	Large projects or sites with multiple pages needing consistent styling.

Inline CSS and External CSS(Code)

C1.html

```
<html lang="en">
```

```
<head>
```

```
  <link href="c1.css" rel="stylesheet">
```

```
  <style>
```

```
    h1 {  
      color: darkblue;  
      font-size: 30px;  
    }
```

```
    .p1 {
```

```
        color: aqua;
        font-size: 20px;
    }

    #p2 {
        color: aliceblue;
        font-size: 15px;
    }
</style>
<title>CSS Stylesheet</title>
</head>

<body>
    <h1>My First CSS Stylesheet</h1>
    <p>This is a paragraph styled using CSS.</p>
    <h2>My Second Heading</h2>
    <p>
        This is another paragraph styled using CSS.</p>
    <div class="c1.css">
        <p id="p1">This is a paragraph inside a div styled using CSS.</p>
        <p>para 1 inside div</p>
        <p style="color: darkviolet;">para 2 inside div</p>
        <p style="color: darkviolet;">para 3 inside div</p>
        <p id="p1">para 3 inside div</p>
    </div>
    
    <p>This is a paragraph styled using CSS.</p>
</body>

</html>
```

C1.css

```
p {  
    color: darkmagenta  
}  
  
h1 {  
    color: darkturquoise;  
}
```

