Z-Index

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Overview

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Example

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- The z-index property in CSS specifies the stack order of elements. Elements with a higher z-index value are displayed in front of elements with a lower z-index value. It works only on elements with a position value other than static (e.g., relative, absolute, or fixed).

z-index: number|auto|inherit;

number: Specifies the stack order. Positive numbers stack elements on top, negative numbers stack below.

auto: Default. The stack level is determined by the order in the document.

inherit: Inherits the z-index value from the parent element.

Examples

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <style>
        .box {
position: absolute; /* Positions the element relative to its nearest positioned ancestor or the viewport if none exist */
        width: 100px;      /* Sets the width of the box to 100 pixels */
        height: 100px;      /* Sets the height of the box to 100 pixels */
        text-align: center; /* Centers the text horizontally within the box */
        line-height: 100px; /* Vertically centers the text by matching the line height to the box's height */
        color: white;      /* Sets the text color to white for better contrast */
        font-weight: bold;  /* Makes the text bold for better visibility */
}
```

```
.box1 {
    background-color: red; /* Sets the background color of Box 1 to red */
    left: 50px;        /* Positions Box 1 50 pixels from the left edge of its containing block */
    top: 50px;         /* Positions Box 1 50 pixels from the top edge of its containing block */
    z-index: 1;        /* Specifies that Box 1 will appear below elements with a higher z-index */
}
.box2 {
    background-color: green; /* Sets the background color of Box 2 to green */
    left: 70px;        /* Positions Box 2 100 pixels from the left edge of its containing block */
    top: 70px;         /* Positions Box 2 100 pixels from the top edge of its containing block */
    z-index: 2;        /* Specifies that Box 2 will appear on top of elements with lower z-index values */
}
.box3 {
    background-color: blue; /* Sets the background color of Box 3 to blue */
    left: 90px;        /* Positions Box 3 150 pixels from the left edge of its containing block */
    top: 90px;         /* Positions Box 3 150 pixels from the top edge of its containing block */
    z-index: 0;        /* Specifies that Box 3 will appear between elements with higher and lower z-index
values */
}
    </style>
</head>
<body>
    <div class="box box1">Box 1</div>
 <div class="box box2">Box 2</div>
    <div class="box box3">Box 3</div>
</body>
</html>
```

References

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https://css-tricks.com/a-complete-guide-to-css-media-queries/

https://www.geeksforgeeks.org/css-media-queries/

https://web.dev/learn/design/media-queries