

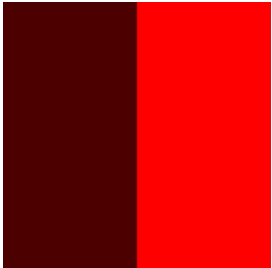
Reference > ceil()

ceil()

Calculates the closest integer value that is greater than or equal to a number.

For example, calling `ceil(9.03)` and `ceil(9.97)` both return the value 10.

Examples



```
function setup() {
  createCanvas(100, 100);

  background(200);

  // Use RGB color with values from 0 to 1.
  colorMode(RGB, 1);

  noStroke();

  // Draw the left rectangle.
  let r = 0.3;
  fill(r, 0, 0);
  rect(0, 0, 50, 100);

  // Round r up to 1.
  r = ceil(r);

  // Draw the right rectangle.
  fill(r, 0, 0);
  rect(50, 0, 50, 100);

  describe('Two rectangles. The one on the left is dark red and the one on the right is bright red.');
```

Syntax

```
ceil(n)
```

Parameters

n Number: number to round up.

Returns

Integer: rounded up number.

This page is generated from the comments in [src/math/calculation.js](#) . Please feel free to edit it and submit a pull request!

Related References

abs Calculates the absolute value of a number.	ceil Calculates the closest integer value that is greater than or equal to a number.	constrain Constrains a number between a minimum and maximum value.	dist Calculates the distance between two points.
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p5.js

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