

Reference > char()

char()

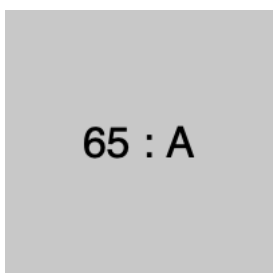
Converts a **Number** or **String** to a single-character **String**.

`char()` converts numbers to their single-character string representations.

The parameter, `n`, is the value to convert. If a number is passed, as in `char(65)`, the corresponding single-character string is returned. If a string is passed, as in `char('65')`, the string is converted to an integer (whole number) and the corresponding single-character string is returned. If an array is passed, as in `char([65, 66, 67])`, an array of single-character strings is returned.

See [MDN](#) for more information about conversions.

Examples



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

  background(200);

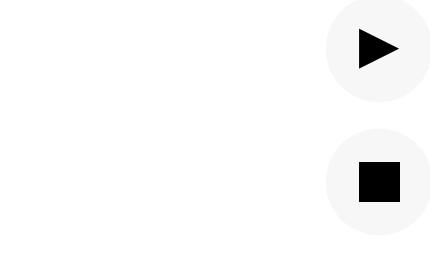
  // Create a number variable.
  let original = 65;

  // Convert the number to a char.
  let converted = char(original);

  // Style the text.
  textAlign(CENTER, CENTER);
  textSize(16);

  // Display the original and converted values.
  text(`${original} : ${converted}`, 50, 50);

  describe('The text "65 : A" written in black on a gray background.');
```



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

  background(200);

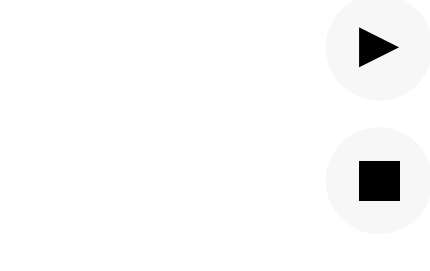
  // Create a string variable.
  let original = '65';

  // Convert the string to a char.
  let converted = char(original);

  // Style the text.
  textAlign(CENTER, CENTER);
  textSize(16);

  // Display the original and converted values.
  text(`${original} : ${converted}`, 50, 50);

  describe('The text "65 : A" written in black on a gray background.');
```



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

  background(200);

  // Create an array of numbers.
  let original = ['65', 66, '67'];

  // Convert the string to a char.
  let converted = char(original);

  // Style the text.
  textAlign(CENTER, CENTER);
  textSize(16);

  // Iterate over elements of the converted array.
  for (let i = 0; i < converted.length; i += 1) {

    // Calculate the y-coordinate.
    let y = (i + 1) * 25;

    // Display the original and converted values.
    text(`${original[i]} : ${converted[i]}`, 50, y);
  }

  describe(
    'The text "65 : A", "66 : B", and "67 : C" written on three separate lines. The text is in black on a gray background.'
```

Syntax

```
char(n)

char(ns)
```

Parameters

`n` String|Number: value to convert.
`ns` Array: values to convert.

Returns

String: converted single-character string.

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

Related References

boolean Converts a String or Number to a Boolean.	byte Converts a Boolean, String, or Number to its byte value.	char Converts a Number or String to a single-character String.	float Converts a String to a floating point (decimal) Number.
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