

Reference > unchar()

unchar()

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

`unchar()` converts single-character strings to their corresponding integer (whole number).

The parameter, `n`, is the character to convert. For example, `unchar('A')`, returns the number 65. If an array is passed, as in `unchar(['A', 'B', 'C'])`, an array of integers is returned.

Examples

A : 65

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

  background(200);

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

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

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

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

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

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

  background(200);

  // Create an array of characters.
  let original = ['A', 'B', 'C'];

  // Convert the string to a number.
  let converted = unchar(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 "A : 65", "B : 66", and "C :67" written on three separate lines. The text is in black on a gray background.'
```

Syntax

`unchar(n)`

`unchar(ns)`

Parameters

| | |
|-----------------|------------------------------|
| <code>n</code> | String: value to convert. |
| <code>ns</code> | String[]: values to convert. |

Returns

Number: converted number.

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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