

Converting Colors

Hex(1BC0C7)

Have a look what the booklet for
Hex(1BC0C7) contains.

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Color

Hex(1BC0C7)

Conversions

Conversions Part 1

Format	Color
Hex	1BC0C7
RGB	27, 192, 199
RGB Percent	11%, 75%, 78%
CMY	0.8941, 0.2471, 0.2196
CMYK	0.86, 0.04, 0.00, 0.22
HSL	182°, 76%, 44%
HSV	182°, 86%, 78%
XYZ	29.6104, 42.0558, 60.5898
YIQ	143.4630, -100.5870, -32.8030

Conversions

Conversions Part 2

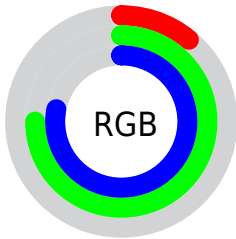
Format	Color
R _Y B	27, 111, 199
Decimal	1818823
CIE Lab	70.91, -35.66, -14.66
CIE LCh	71, 38.553, 202.350
Yxy	42.0558, 0.2239, 0.3180
Android (android.graphics.Color)	4280008903 (0xFF1BC0C7)
YUV	143.4630, 27.3797, -102.1381
Hunter-Lab	64.8504, -31.9860, -9.9993

Details

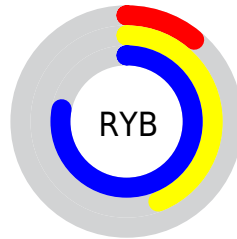
The Hex color **1BC0C7** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C7221B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6EF9FF**, and **008A91** is the 20% darker color. If you saturate the color by 10%, you get **07BFC7**, and if you desaturate by 10%, it is **2FC1C7**.

Distribution



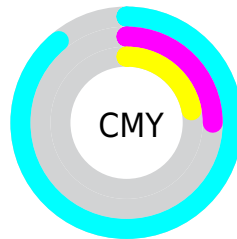
- Red (11%)
- Green (75%)
- Blue (78%)



- Red (11%)
- Yellow (44%)
- Blue (78%)



- Cyan (86%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BC0C7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1BC0C7 by changing the saturation by 10% instead.

 1BC0C7

 1BC0C7

FFFFFF

 00A5AC

 6EF9FF

 008A91

 8EFFFF

 007078

 ADFFFF

 00575F

 CCFFFF

 003F47

 EBFFFF

 002931

 00081C

 000000

 1BC0C7

 1BC0C7

■ 07BFC7

■ 2FC1C7

■ 00BFC7

■ 43C2C7

■ 57C2C7

■ 6BC3C7

■ 7EC4C7

■ 92C5C7

■ A6C6C7

■ BAC6C7

■ CEC7C7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53C0A3



1BC0C7



28BCE4

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1BC0C7



D19BD9



CDA868

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1BC0C7



C7221B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E69C77



1BC0C7



EB93B8

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1BC0C7



A5A8EE



F29495



AAB46B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1BC0C7



55B7F0



F29495



D6A46B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1BC0C7



BDFCFF



1BC721



587E80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1BC0C7



00F5FF



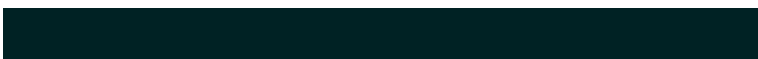
1B6BC7



5A6363



009DA3



002224

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C71BC0



FF00F5



C7771B



635A63



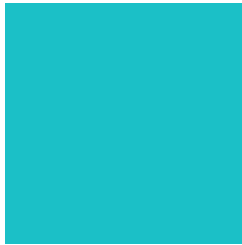
A3009D



240022

Previews

White Background



This preview shows how the Hex color 1BC0C7 looks on a white background.

Color Contrast Check

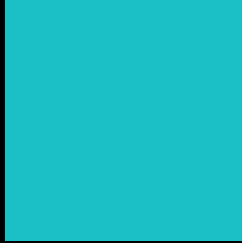
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1BC0C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

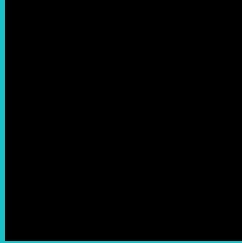
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

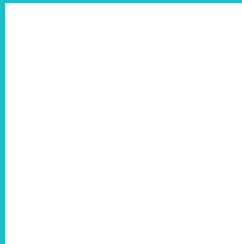
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1BC0C7 Background



This preview shows how black text looks on a background with the Hex color 1BC0C7.

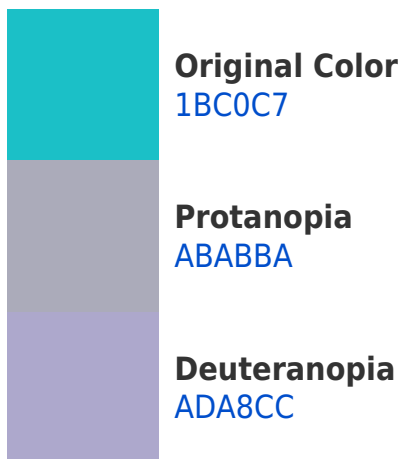


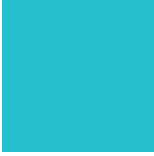
This preview shows how white text looks on a background with the Hex color 1BC0C7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
1BC0C7



Protanomaly
77B3BF



Deuteranomaly
78B1CA



Tritanomaly
21BFCB

Monochromacy



Original Color
1BC0C7



Achromatopsia
8F8F8F



Achromatomaly
65A1A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BC0C7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1BC0C7 looks like.

```
.text, #text, p{  
    color:#1BC0C7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1BC0C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BC0C7
}
```

Border

The CSS property to change the border of an element to Hex 1BC0C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1BC0C7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1BC0C7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1BC0C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BC0C7; -webkit-box-shadow:4px 4px  
4px 4px #1BC0C7; box-shadow:4px 4px 4px  
4px #1BC0C7 }
```

Background

The CSS property to change the background color of an element to Hex 1BC0C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BC0C7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1BC0C7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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