

# Converting Colors

Hex(1BC8C7)

Have a look what the booklet for  
Hex(1BC8C7) contains.

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**Color**

**Hex(1BC8C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BC8C7
RGB	27, 200, 199
RGB Percent	11%, 78%, 78%
CMY	0.8941, 0.2157, 0.2196
CMYK	0.87, 0.00, 0.00, 0.22
HSL	180°, 76%, 45%
HSV	180°, 87%, 78%
XYZ	31.4151, 45.6651, 61.1913
YIQ	148.1590, -102.7870, -36.9870

# Conversions

## Conversions Part 2

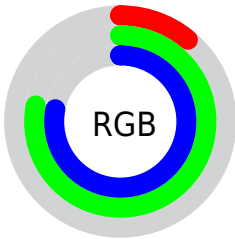
Format	Color
<a href="#">RYB</a>	<a href="#">27, 114, 200</a>
Decimal	<a href="#">1820871</a>
CIELab	<a href="#">73.33, -39.33, -11.03</a>
CIElCh	<a href="#">73, 40.848, 195.671</a>
Yxy	<a href="#">45.6651, 0.2272, 0.3303</a>
Android (android.graphics.Color)	<a href="#">4280010951 (0xFF1BC8C7)</a>
YUV	<a href="#">148.1590, 25.0646, -106.2564</a>
Hunter-Lab	<a href="#">67.5759, -35.2759, -6.3851</a>

# Details

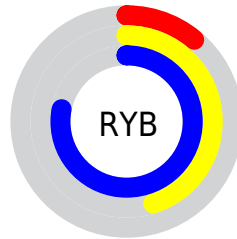
The Hex color **1BC8C7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C81B1C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6FFFFFF**, and **009191** is the 20% darker color. If you saturate the color by 10%, you get **07C8C7**, and if you desaturate by 10%, it is **2FC8C7**.

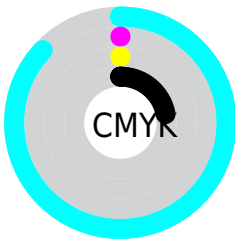
# Distribution



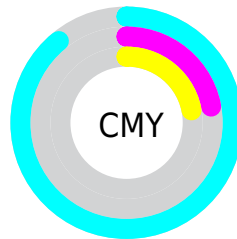
- Red (11%)
- Green (78%)
- Blue (78%)



- Red (11%)
- Yellow (45%)
- Blue (78%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BC8C7 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 1BC8C7 by changing the saturation by 10% instead.



 1BC8C7

 1BC8C7

FFFFFF

 00ACAC

 6FFFFFF

 009191

 8FFFFFF

 007778

 AFFFFFF

 005E5F

 CEFFFF

 004547

 EDFFFF

 002E31

 00151C

 000000

 1BC8C7

 1BC8C7

07C8C7

2FC8C7

00C8C7

43C8C7

57C8C7

6BC8C7

7FC8C8

93C8C8

A7C8C8

BBC8C8

CFC8C8

# Harmonies

## Analogous

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



5EC7A0



1BC8C7



00C5E9

# Triad

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



1BC8C7



D1A3E9



DCAC6C

# Complementary

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



1BC8C7



C81B1C

# 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.



F59F80



1BC8C7



F299C8

# Square

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



1BC8C7



9DB1FC



FD97A2



B9B86B

# Rectangle

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



1BC8C7



41C0F7



FD97A2



E6A770



# Sweetspot

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



1BC8C7



BDFFFF



1EC81B



58807F



000000



808080



# Same Dimension

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



1BC8C7



00FFFE



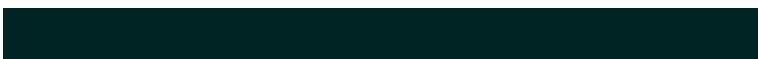
1B74C8



5A6363



00A3A2



002423



# Inverse Universe

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



C81B1C



FF0001



C86F1B



635A5A



A30001

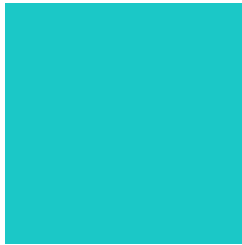


240000



# Previews

## White Background



This preview shows how the Hex color 1BC8C7 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 1BC8C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

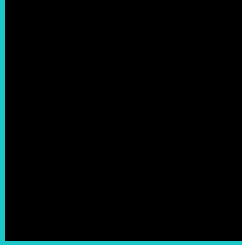
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

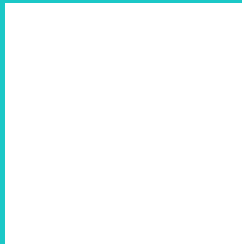
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1BC8C7 Background



This preview shows how black text looks on a background with the Hex color 1BC8C7.

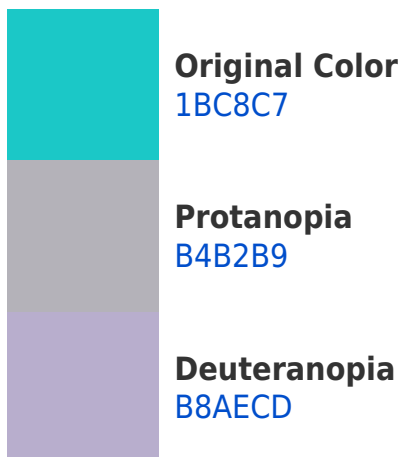


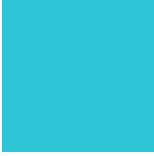
This preview shows how white text looks on a background with the Hex color 1BC8C7.

# 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





**Tritanopia**  
2DC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BC8C7 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 #1BC8C7 looks like.

```
.text, #text, p{  
    color:#1BC8C7  
}
```

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 #1BC8C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BC8C7
}
```

## Border

The CSS property to change the border of an element to Hex 1BC8C7 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
#1BC8C7 }
```

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

```
.border{ border-color:#1BC8C7 }
```

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

Here you see how a box with a 4 pixel #1BC8C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BC8C7; -webkit-box-shadow:4px 4px  
4px 4px #1BC8C7; box-shadow:4px 4px 4px  
4px #1BC8C7 }
```

# Background

The CSS property to change the background color of an element to Hex 1BC8C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BC8C7 }
```

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

```
.background{ background-color:#1BC8C7 }
```

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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