

# Converting Colors

Hex(1BCFC0)

Have a look what the booklet for  
Hex(1BCFC0) contains.

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# Color

**Hex(1BCFC0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BCFC0
RGB	27, 207, 192
RGB Percent	11%, 81%, 75%
CMY	0.8941, 0.1882, 0.2471
CMYK	0.87, 0.00, 0.07, 0.19
HSL	175°, 77%, 46%
HSV	175°, 87%, 81%
XYZ	32.2792, 48.6644, 57.5611
YIQ	151.4700, -102.4650, -42.8250

# Conversions

## Conversions Part 2

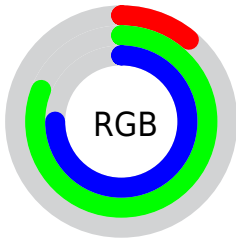
Format	Color
<a href="#">RYB</a>	<a href="#">27, 121, 207</a>
Decimal	<a href="#">1822656</a>
CIELab	<a href="#">75.24, -44.44, -4.40</a>
CIElCh	<a href="#">75, 44.658, 185.657</a>
Yxy	<a href="#">48.6644, 0.2331, 0.3514</a>
Android (android.graphics.Color)	<a href="#">4280012736 (0xFF1BCFC0)</a>
YUV	<a href="#">151.4700, 19.9813, -109.1602</a>
Hunter-Lab	<a href="#">69.7599, -39.4844, -0.0901</a>

# Details

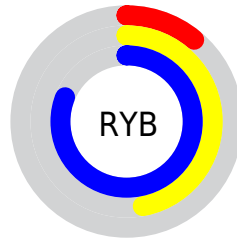
The Hex color **1BCFC0** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CF1B2A**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **70FFF8**, and **00988B** is the 20% darker color. If you saturate the color by 10%, you get **06CFBE**, and if you desaturate by 10%, it is **30CFC2**.

# Distribution



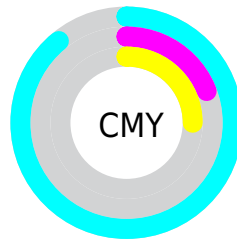
- Red (11%)
- Green (81%)
- Blue (75%)



- Red (11%)
- Yellow (47%)
- Blue (81%)



- Cyan (87%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (89%)
- Magenta (19%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BCFC0 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 1BCFC0 by changing the saturation by 10% instead.



 1BCFC0

 1BCFC0

FFFFFF

 00B3A5

 70FFF8

 00988B

 90FFFF

 007D71

 AFFFFFFF

 006359

 CEFFFF

 004A42

 EEEFFF

 00332C

 001B17

 000000

 1BCFC0

 1BCFC0

 06CFBE

 30CFC2

 00CFBE

 44CFC3

 59CFC5

 6ECFC7

 83CFC9

 97CFCA

 ACCFCC

 C1CFCE

 D5CFD0

# Harmonies

## Analogous

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



6CCC96



1BCFC0



00CDE8

# Triad

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



1BCFC0



C8ACFC



EFAB6F

# Complementary

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



1BCFC0



CF1B2A

# 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.



FF9E8B



1BCFC0



F39EDC

# Square

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



1BCFC0



88BBFF



FF98B3



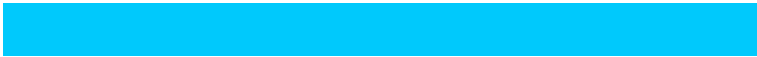
CCB966

# Rectangle

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



1BCFC0



00C9FC



FF98B3



F8A677



# Sweetspot

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



1BCFC0



BDFFF9



2ACF1B



58807C



000000



808080



# Same Dimension

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



1BCFC0



00FFEA



1B84CF



5E6968



00A89A



002925



# Inverse Universe

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



CF1B2A



FF0015



CF661B



695E5F



A8000E

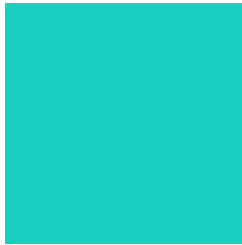


290003



# Previews

## White Background



This preview shows how the Hex color 1BCFC0 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 1BCFC0 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

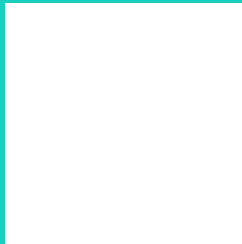
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1BCFC0 Background



This preview shows how black text looks on a background with the Hex color 1BCFC0.



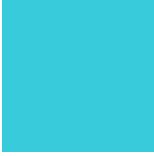
This preview shows how white text looks on a background with the Hex color 1BCFC0.

# 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**  
37CBDB

# Trichromacy



**Original Color**  
1BCFC0



**Protanomaly**  
81C0B7



**Deuteranomaly**  
86BDC4



**Tritanomaly**  
2DCCD1

# Monochromacy



**Original Color**  
1BCFC0



**Achromatopsia**  
979797



**Achromatomaly**  
6AABA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BCFC0 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 #1BCFC0 looks like.

```
.text, #text, p{  
    color:#1BCFC0  
}
```

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 #1BCFC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BCFC0
}
```

## Border

The CSS property to change the border of an element to Hex 1BCFC0 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
#1BCFC0 }
```

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

```
.border{ border-color:#1BCFC0 }
```

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

Here you see how a box with a 4 pixel #1BCFC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BCFC0; -webkit-box-shadow:4px 4px  
4px 4px #1BCFC0; box-shadow:4px 4px 4px  
4px #1BCFC0 }
```

# Background

The CSS property to change the background color of an element to Hex 1BCFC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BCFC0 }
```

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

```
.background{ background-color:#1BCFC0 }
```

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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