

Converting Colors

Hex(B0CCBF)

Have a look what the booklet for
Hex(B0CCBF) contains.

Hex(B0CCBF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0CCBF)

Conversions

Conversions Part 1

Format	Color
Hex	B0CCBF
RGB	176, 204, 191
RGB Percent	69%, 80%, 75%
CMY	0.3098, 0.2000, 0.2510
CMYK	0.14, 0.00, 0.06, 0.20
HSL	152°, 22%, 75%
HSV	152°, 14%, 80%
XYZ	48.9013, 56.1774, 57.5562
YIQ	194.1460, -12.5150, -9.9790

Conversions

Conversions Part 2

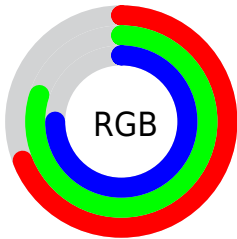
Format	Color
RYB	176, 194, 204
Decimal	11586751
CIELab	79.71, -11.91, 3.31
CIElCh	80, 12.367, 164.456
Yxy	56.1774, 0.3007, 0.3454
Android (android.graphics.Color)	4289776831 (0xFFB0CCBF)
YUV	194.1460, -1.5510, -15.9140
Hunter-Lab	74.9516, -14.7050, 6.9367

Details

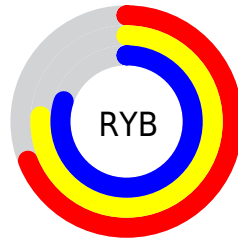
The Hex color **B0CCBF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CCB0BD**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E8FFF7**, and **7B968A** is the 20% darker color. If you saturate the color by 10%, you get **9CCCB6**, and if you desaturate by 10%, it is **C4CCC8**.

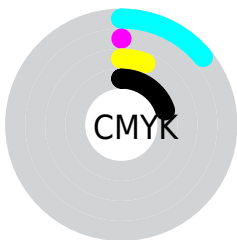
Distribution



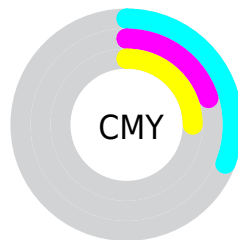
- Red (69%)
- Green (80%)
- Blue (75%)



- Red (69%)
- Yellow (76%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0CCBF 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 B0CCBF by changing the saturation by 10% instead.



B0CCBF



B0CCBF

FFFFFF



95B1A4



E8FFF7



7B968A



627C70



4A6358



334B41



1D342B



071F16



000000



B0CCBF



B0CCBF

 9CCCB6

 C4CCC8

 87CCAC

 D9CCD2

 73CCA3

 EDCCDB

 5ECC99

 FFCCE5

 4ACC90

 FFCCEE

 36CC86

 FFCCF8

 21CC7D

 FFCCFF

 0DCC73

 00CC6D

Harmonies

Analogous

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



BCCAB5



B0CCBF



A9CCCB

Triad

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



B0CCBF



C0C5DC



DDC0B6

Complementary

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



B0CCBF



CCB0BD

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.



DEBEC0



B0CCBF



CFC1D6

Square

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



B0CCBF



B3C8DB



D9BECC



D5C3B0

Rectangle

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



B0CCBF



A9CCD2



D9BECC



DEBFB9

Sweetspot

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



B0CCBF



F5FFFA



BDCCB0



79807D



000000



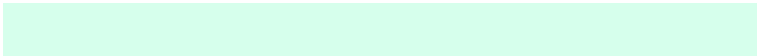
808080

Same Dimension

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



B0CCBF



D6FFEC



B0CBCC



5C6661



00A659



002614

Inverse Universe

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



CCB0BD



FFD6E9



CCB1B0



665C61



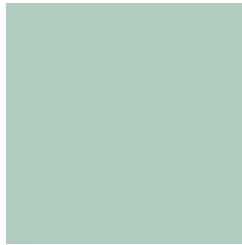
A6004D



260012

Previews

White Background



This preview shows how the Hex color B0CCBF looks on a white background.

Color Contrast Check

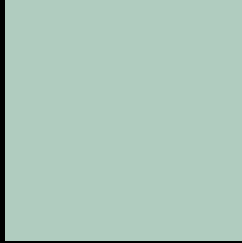
Large Text (above 18pt) WCAG AA × Fail

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 B0CCBF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

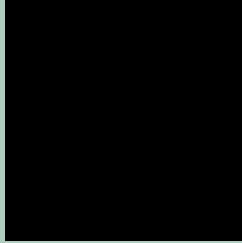
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

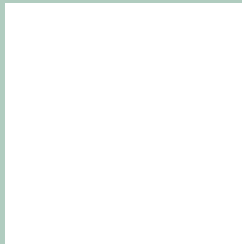
Any Text WCAG AAA ✓ Pass

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

Hex B0CCBF Background



This preview shows how black text looks on a background with the Hex color B0CCBF.



This preview shows how white text looks on a background with the Hex color B0CCBF.

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](#).

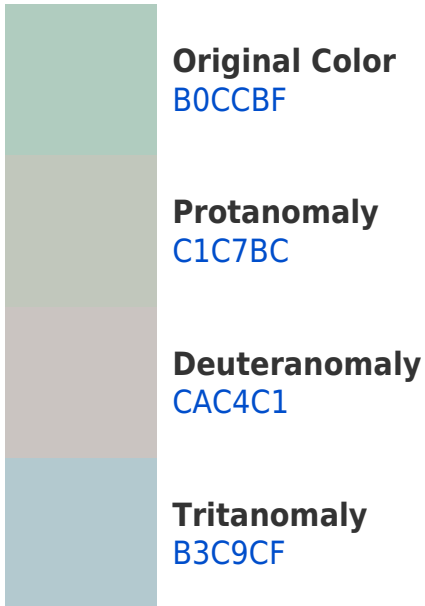
Dichromacy





Tritanopia
B4C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0CCBF 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 #B0CCBF looks like.

```
.text, #text, p{  
    color:#B0CCBF  
}
```

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 #B0CCBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CCBF
}
```

Border

The CSS property to change the border of an element to Hex B0CCBF 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
#B0CCBF }
```

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

```
.border{ border-color:#B0CCBF }
```

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

Here you see how a box with a 4 pixel #B0CCBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CCBF; -webkit-box-shadow:4px 4px  
4px 4px #B0CCBF; box-shadow:4px 4px 4px  
4px #B0CCBF }
```

Background

The CSS property to change the background color of an element to Hex B0CCBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CCBF }
```

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

```
.background{ background-color:#B0CCBF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor