

Converting Colors

Hex(B0CDB9)

Have a look what the booklet for
Hex(B0CDB9) contains.

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Color

Hex(B0CDB9)

Conversions

Conversions Part 1

Format	Color
Hex	B0CDB9
RGB	176, 205, 185
RGB Percent	69%, 80%, 73%
CMY	0.3098, 0.1961, 0.2745
CMYK	0.14, 0.00, 0.10, 0.20
HSL	139°, 22%, 75%
HSV	139°, 14%, 80%
XYZ	48.4928, 56.3955, 54.2285
YIQ	194.0490, -10.8640, -12.3680

Conversions

Conversions Part 2

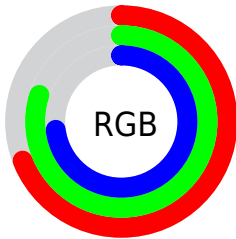
Format	Color
RYB	176, 198, 205
Decimal	11587001
CIELab	79.84, -13.57, 6.71
CIElCh	80, 15.133, 153.697
Yxy	56.3955, 0.3048, 0.3544
Android (android.graphics.Color)	4289777081 (0xFFB0CDB9)
YUV	194.0490, -4.4612, -15.8290
Hunter-Lab	75.0970, -16.1559, 9.7538

Details

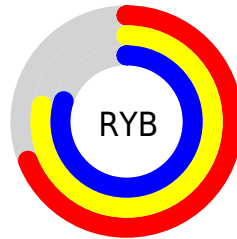
The Hex color **B0CDB9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CDB0C4**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **E8FFF1**, and **7B9784** is the 20% darker color. If you saturate the color by 10%, you get **9CCDAB**, and if you desaturate by 10%, it is **C5CDC7**.

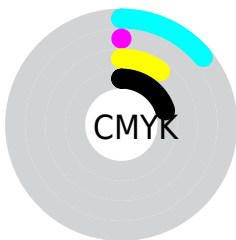
Distribution



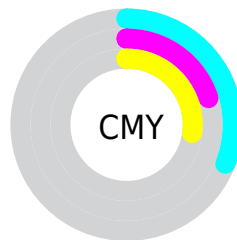
- Red (69%)
- Green (80%)
- Blue (73%)



- Red (69%)
- Yellow (78%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0CDB9 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 B0CDB9 by changing the saturation by 10% instead.

 B0CDB9

 B0CDB9

FFFFFF

 95B19E

 E8FFF1

 7B9784

 627D6B

 4A6453

 334C3C

 1D3526

 072011

 000000

 B0CDB9

 B0CDB9

 9CCDAB

 C5CDC7

 87CD9D

 D9CDD5

 73CD8F

 EECDE3

 5ECD80

 FFCDF2

 49CD72

 FFCDF2

 35CD64

 20CD56

 0CCD48

 00CD40

Harmonies

Analogous

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



C0CAAE



B0CDB9



A5CEC7

Triad

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



B0CDB9



B9C7E2



E4BDB7

Complementary

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



B0CDB9



CDB0C4

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.



E3BCC5



B0CDB9



CBC2DD

Square

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



B0CDB9



A9CBDF



DABED3



DCC1AD

Rectangle

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



B0CDB9



A2CED1



DABED3



E4BDBB

Sweetspot

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



B0CDB9



F5FFF8



C4CDB0



79807B



000000



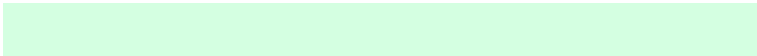
808080

Same Dimension

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



B0CDB9



D4FFE1



B0CDC7



5C665F



00A633



00260C

Inverse Universe

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



CDB0C4



FFD4F2



CDB0B6



665C63



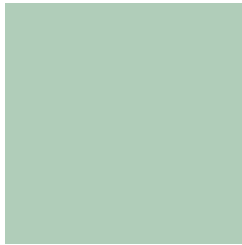
A60072



26001A

Previews

White Background



This preview shows how the Hex color B0CDB9 looks on a white background.

Color Contrast Check

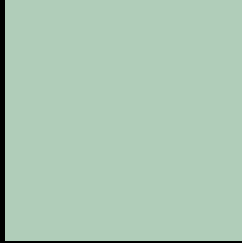
Large Text (above 18pt) WCAG AA × Fail

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 B0CDB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

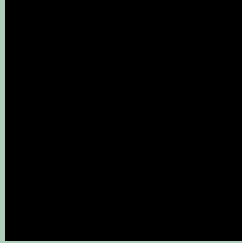
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

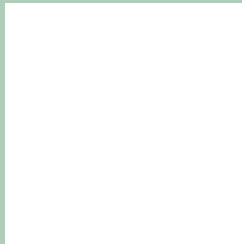
Any Text WCAG AAA ✓ Pass

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

Hex B0CDB9 Background



This preview shows how black text looks on a background with the Hex color B0CDB9.

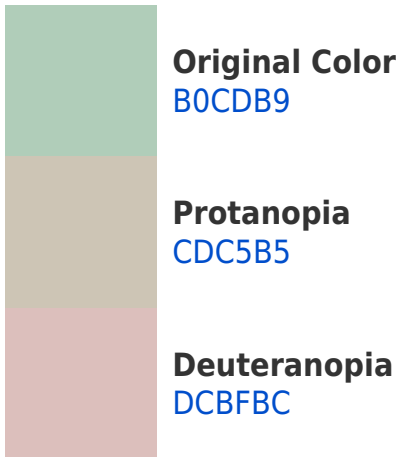


This preview shows how white text looks on a background with the Hex color B0CDB9.

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](#).

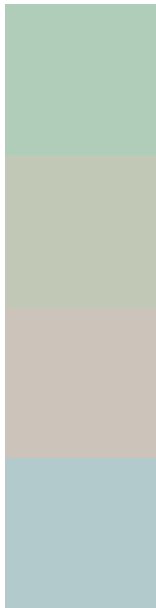
Dichromacy





Tritanopia
B5C8D8

Trichromacy



Original Color
B0CDB9

Protanomaly
C2C8B6

Deuteranomaly
CCC4BB

Tritanomaly
B3CACD

Monochromacy



Original Color
B0CDB9

Achromatopsia
C2C2C2

Achromatomaly
BBC6BF

CSS Examples

Text

The CSS property to change the color of the text to Hex B0CDB9 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 #B0CDB9 looks like.

```
.text, #text, p{  
    color:#B0CDB9  
}
```

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 #B0CDB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CDB9
}
```

Border

The CSS property to change the border of an element to Hex B0CDB9 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
#B0CDB9 }
```

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

```
.border{ border-color:#B0CDB9 }
```

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

Here you see how a box with a 4 pixel #B0CDB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CDB9; -webkit-box-shadow:4px 4px  
4px 4px #B0CDB9; box-shadow:4px 4px 4px  
4px #B0CDB9 }
```

Background

The CSS property to change the background color of an element to Hex B0CDB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CDB9 }
```

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

```
.background{ background-color:#B0CDB9 }
```

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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