

# Converting Colors

Hex(B7CEB7)

Have a look what the booklet for  
Hex(B7CEB7) contains.

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# **Color**

**Hex(B7CEB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">B7CEB7</a>
RGB	<a href="#">183, 206, 183</a>
RGB Percent	<a href="#">72%, 81%, 72%</a>
CMY	<a href="#">0.2824, 0.1922, 0.2824</a>
CMYK	<a href="#">0.11, 0.00, 0.11, 0.19</a>
HSL	<a href="#">120°, 19%, 76%</a>
HSV	<a href="#">120°, 11%, 81%</a>
XYZ	<a href="#">50.1470, 57.6288, 53.2802</a>
YIQ	<a href="#">196.5010, -6.3250, -12.0290</a>

# Conversions

## Conversions Part 2

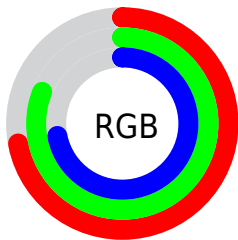
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 206, 206
Decimal	12046007
CIELab	80.53, -12.06, 8.83
CIELCh	81, 14.951, 143.794
Yxy	57.6288, 0.3114, 0.3578
Android (android.graphics.Color)	4290236087 (0xFFB7CEB7)
YUV	196.5010, -6.6560, -11.8404
Hunter-Lab	75.9136, -14.9354, 11.5267

# Details

The Hex color **B7CEB7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CEB7CE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **EFFFEF**, and **829882** is the 20% darker color. If you saturate the color by 10%, you get **A2CEA2**, and if you desaturate by 10%, it is **CCCECC**.

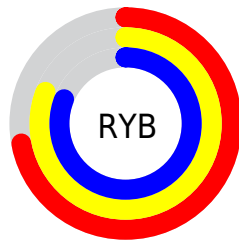
# Distribution



Red (72%)

Green (81%)

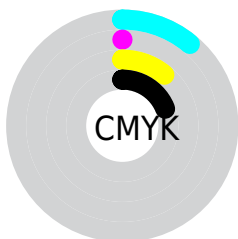
Blue (72%)



Red (72%)

Yellow (81%)

Blue (81%)

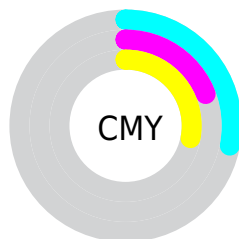


Cyan (11%)

Magenta (0%)

Yellow (11%)

Black (19%)



Cyan (28%)

Magenta (19%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7CEB7 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 B7CEB7 by changing the saturation by 10% instead.



 B7CEB7

FFFFFF

 EFFFFE

 B7CEB7

 9CB29C

 829882

 697E69

 506551

 394D3A

 233624

 0F210F

 000400

 000000

 B7CEB7

 B7CEB7

 A2CEA2

 CCCECC

 8ECE8E

 E0CEE0

 79CE79

 F5CEF5

 65CE65

 FFCEFF

 50CE50

 3BCE3B

 27CE27

 12CE12

 00CE00

# Harmonies

## Analogous

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



C7CAAE



B7CEB7



AAD0C4

# Triad

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



B7CEB7



B5CAE3



E6BFBD

# Complementary

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



B7CEB7



CEB7CE

# 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.



E2BFCB



B7CEB7



C7C5E1

# Square

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



B7CEB7



A8CEDE



D7C1D8



E1C2B2

# Rectangle

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



B7CEB7



A5D0CE



D7C1D8



E6BEC2



# Sweetspot

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



B7CEB7



F7FFF7



CECEB7



7A807A



000000



808080

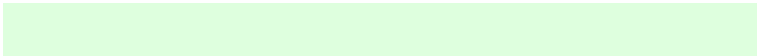


# Same Dimension

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



B7CEB7



DEFFDE



B7CEC3



5C665C



00A600



002600



# Inverse Universe

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



CEB7CE



FFDEFF



CEB7C3



665C66



A600A6



260026



# Previews

## White Background



This preview shows how the Hex color B7CEB7 looks on a white background.

## Color Contrast Check

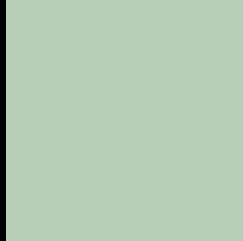
Large Text (above 18pt) WCAG AA × Fail

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 B7CEB7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

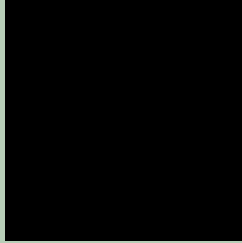
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

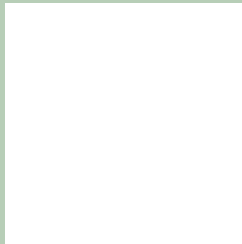
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7CEB7 Background



This preview shows how black text looks on a background with the Hex color B7CEB7.

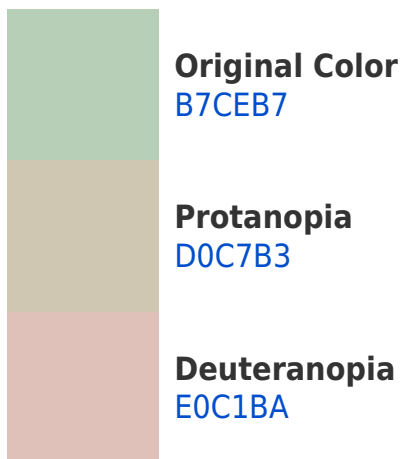


This preview shows how white text looks on a background with the Hex color B7CEB7.

# 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](#).

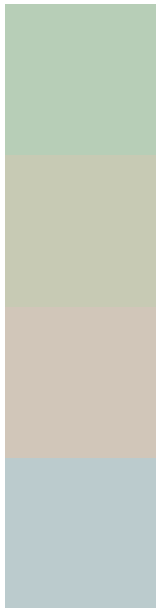
## Dichromacy





**Tritanopia**  
BDC9D9

# Trichromacy



**Original Color**  
B7CEB7

**Protanomaly**  
C7CAB4

**Deuteranomaly**  
D1C6B9

**Tritanomaly**  
BBCBCD

# Monochromacy



**Original Color**  
B7CEB7

**Achromatopsia**  
C5C5C5

**Achromatomaly**  
C0C8C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7CEB7 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 #B7CEB7 looks like.

```
.text, #text, p{  
    color:#B7CEB7  
}
```

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 #B7CEB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7CEB7
}
```

## Border

The CSS property to change the border of an element to Hex B7CEB7 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
#B7CEB7 }
```

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

```
.border{ border-color:#B7CEB7 }
```

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

Here you see how a box with a 4 pixel #B7CEB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7CEB7; -webkit-box-shadow:4px 4px  
4px 4px #B7CEB7; box-shadow:4px 4px 4px  
4px #B7CEB7 }
```

# Background

The CSS property to change the background color of an element to Hex B7CEB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7CEB7 }
```

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

```
.background{ background-color:#B7CEB7 }
```

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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