

# Converting Colors

Hex(B1C4B7)

Have a look what the booklet for  
Hex(B1C4B7) contains.

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# **Color**

**Hex(B1C4B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1C4B7
RGB	177, 196, 183
RGB Percent	69%, 77%, 72%
CMY	0.3059, 0.2314, 0.2824
CMYK	0.10, 0.00, 0.07, 0.23
HSL	139°, 14%, 73%
HSV	139°, 10%, 77%
XYZ	46.4186, 52.2459, 52.4377
YIQ	188.8370, -7.1510, -8.0710

# Conversions

## Conversions Part 2

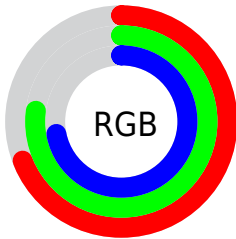
Format	Color
<a href="#">RYB</a>	<a href="#">177, 191, 196</a>
Decimal	<a href="#">11650231</a>
CIELab	<a href="#">77.43, -8.95, 4.31</a>
CIElCh	<a href="#">77, 9.940, 154.277</a>
Yxy	<a href="#">52.2459, 0.3072, 0.3458</a>
Android (android.graphics.Color)	<a href="#">4289840311</a> ( <a href="#">0xFFB1C4B7</a> )
YUV	<a href="#">188.8370, -2.8776, -10.3810</a>
Hunter-Lab	<a href="#">72.2813, -11.8606, 7.5840</a>

# Details

The Hex color **B1C4B7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C4B1BE**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **E9FDEF**, and **7C8E82** is the 20% darker color. If you saturate the color by 10%, you get **9DC4AA**, and if you desaturate by 10%, it is **C5C4C4**.

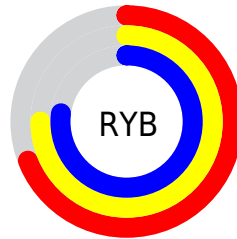
# Distribution



Red (69%)

Green (77%)

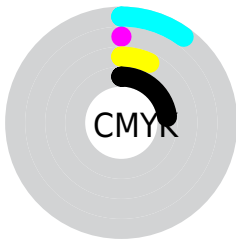
Blue (72%)



Red (69%)

Yellow (75%)

Blue (77%)

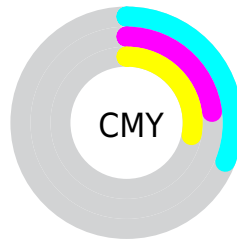


Cyan (10%)

Magenta (0%)

Yellow (7%)

Black (23%)



Cyan (31%)

Magenta (23%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1C4B7 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 B1C4B7 by changing the saturation by 10% instead.



 B1C4B7

FFFFFF

 E9FDEF

 B1C4B7

 96A99C

 7C8E82

 637569

 4B5C51

 35453A

 1F2E24

 091A0F

 000000

 B1C4B7

 B1C4B7

 9DC4AA

 C5C4C4

 8AC49C

 D8C4D2

 76C48F

 ECC4DF

 63C481

 FFC4ED

 4FC474

 FFC4FA

 3BC467

 FFC4FF

 28C459

 14C44C

 01C43E

# Harmonies

## Analogous

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



BBC2B0



B1C4B7



AAC5C0

# Triad

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



B1C4B7



B7C0D1



D3BAB5

# Complementary

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



B1C4B7



C4B1BE

# 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.



D3B9BE



B1C4B7



C3BDCE

# Square

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



B1C4B7



AEC2D0



CDBAC7



CEBCAF

# Rectangle

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



B1C4B7



A8C5C6



CDBAC7



D3B9B8



# Sweetspot

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



B1C4B7



F7FFFA



BEC4B1



7A807C



000000



808080

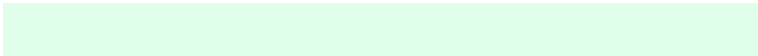


# Same Dimension

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



B1C4B7



E0FFEA



B1C4C0



57615A



00A133



00210A



# Inverse Universe

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



C4B1BE



FFE0F5



C4B1B5



61575E



A1006E



210017



# Previews

## White Background



This preview shows how the Hex color B1C4B7 looks on a white background.

## Color Contrast Check

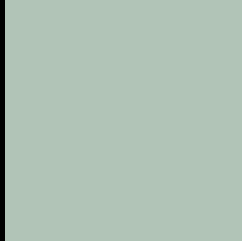
Large Text (above 18pt) WCAG AA × Fail

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 B1C4B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

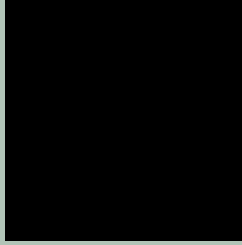
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

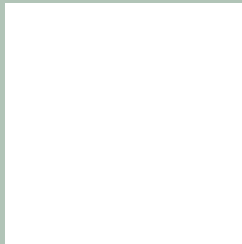
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1C4B7 Background



This preview shows how black text looks on a background with the Hex color B1C4B7.



This preview shows how white text looks on a background with the Hex color B1C4B7.

# 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](#).

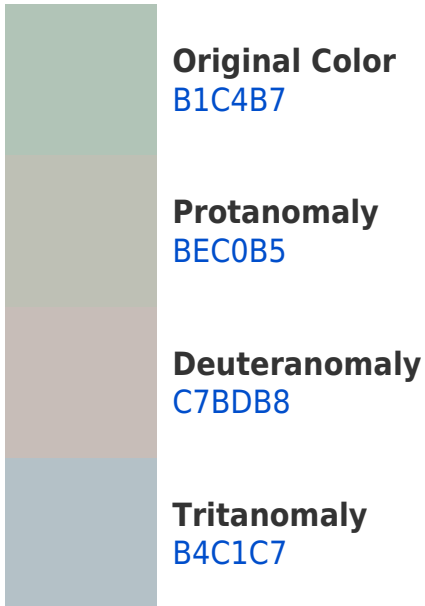
## Dichromacy



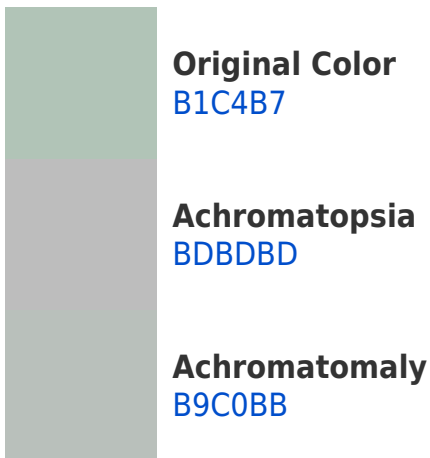


**Tritanopia**  
B5C0D0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1C4B7 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 #B1C4B7 looks like.

```
.text, #text, p{  
    color:#B1C4B7  
}
```

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 #B1C4B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C4B7
}
```

## Border

The CSS property to change the border of an element to Hex B1C4B7 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
#B1C4B7 }
```

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

```
.border{ border-color:#B1C4B7 }
```

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

Here you see how a box with a 4 pixel #B1C4B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C4B7; -webkit-box-shadow:4px 4px  
4px 4px #B1C4B7; box-shadow:4px 4px 4px  
4px #B1C4B7 }
```

# Background

The CSS property to change the background color of an element to Hex B1C4B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C4B7 }
```

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

```
.background{ background-color:#B1C4B7 }
```

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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