

# Converting Colors

Hex(B1C1E0)

Have a look what the booklet for  
Hex(B1C1E0) contains.

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# **Color**

**Hex(B1C1E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1C1E0
RGB	177, 193, 224
RGB Percent	69%, 76%, 88%
CMY	0.3059, 0.2431, 0.1216
CMYK	0.21, 0.14, 0.00, 0.12
HSL	220°, 43%, 79%
HSV	220°, 21%, 88%
XYZ	50.6560, 52.8689, 78.0559
YIQ	191.7500, -19.4870, 6.2490

# Conversions

## Conversions Part 2

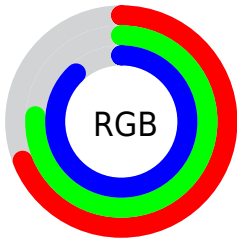
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	177, 189, 224
Decimal	11649504
CIE Lab	77.80, 1.09, -17.28
CIE LCh	78, 17.311, 273.594
Yxy	52.8689, 0.2790, 0.2912
Android (android.graphics.Color)	4289839584 (0xFFB1C1E0)
YUV	191.7500, 15.8993, -12.9358
Hunter-Lab	72.7110, -2.8876, -12.7506

# Details

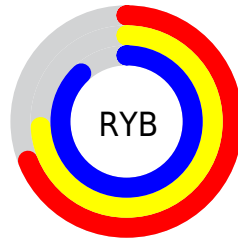
The Hex color **B1C1E0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E0D0B1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E9F9FF**, and **7C8CA9** is the 20% darker color. If you saturate the color by 10%, you get **9BB2E0**, and if you desaturate by 10%, it is **C7D0E0**.

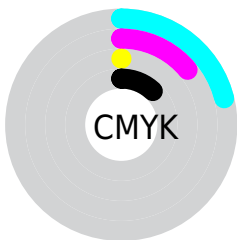
# Distribution



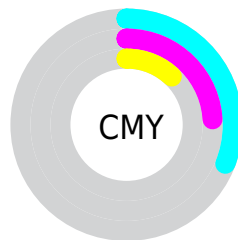
- Red (69%)
- Green (76%)
- Blue (88%)



- Red (69%)
- Yellow (74%)
- Blue (88%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (24%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1C1E0 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 B1C1E0 by changing the saturation by 10% instead.



 B1C1E0

 B1C1E0

FFFFFF

 96A6C4

 E9F9FF

 7C8CA9

 62728E

 4A5A75

 32425C

 1A2C44

 02182E

 000119

 000000

 B1C1E0

 B1C1E0

 9BB2E0

 C7D0E0

 84A3E0

 DEDFE0

 6E95E0

 F4EDE0

 5786E0

 FFFCE0

 4177E0

 FFFFEO

 2B68E0

 145AE0

 004CE0

# Harmonies

## Analogous

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



9FC6DC



B1C1E0



C6BCDB

# Triad

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



B1C1E0



E2B7AF



A7C8B2

# Complementary

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



B1C1E0



E0D0B1

# 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.



B9C5A5



B1C1E0



DABBA4

# Square

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



B1C1E0



E1B5BF



CBC0A0



9ACAC2

# Rectangle

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



B1C1E0



D2B8D4



CBC0A0



ADC7AD



# Sweetspot

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



B1C1E0



F0F5FF



B1E0D0



777A80



000000



808080



# Same Dimension

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



B1C1E0



BFD5FF



B8B1E0



656970



003CB0



001030



# Inverse Universe

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



E0B1C1



FFBFD5



D9E0B1



706569



B0003C

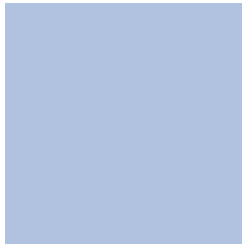


300010



# Previews

## White Background



This preview shows how the Hex color B1C1E0 looks on a white background.

## Color Contrast Check

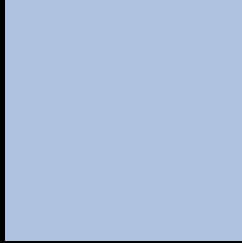
Large Text (above 18pt) WCAG AA × Fail

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 B1C1E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

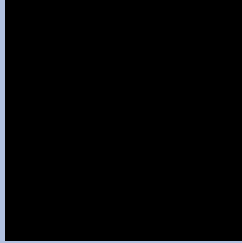
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

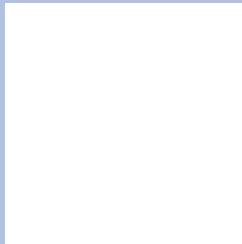
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1C1E0 Background



This preview shows how black text looks on a background with the Hex color B1C1E0.



This preview shows how white text looks on a background with the Hex color B1C1E0.

# 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



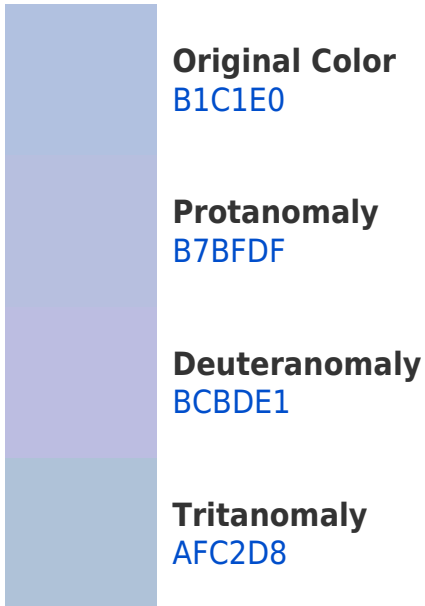
**Original Color**  
B1C1E0

**Protanopia**  
BABEDE

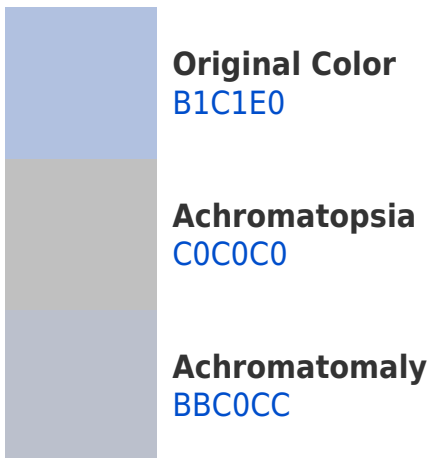
**Deuteranopia**  
C3BBE1



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1C1E0 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 #B1C1E0 looks like.

```
.text, #text, p{  
    color:#B1C1E0  
}
```

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 #B1C1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1C1E0
}
```

## Border

The CSS property to change the border of an element to Hex B1C1E0 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
#B1C1E0 }
```

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

```
.border{ border-color:#B1C1E0 }
```

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

Here you see how a box with a 4 pixel #B1C1E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1C1E0; -webkit-box-shadow:4px 4px  
4px 4px #B1C1E0; box-shadow:4px 4px 4px  
4px #B1C1E0 }
```

# Background

The CSS property to change the background color of an element to Hex B1C1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1C1E0 }
```

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

```
.background{ background-color:#B1C1E0 }
```

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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