

# Converting Colors

Hex(B1E1CF)

Have a look what the booklet for  
Hex(B1E1CF) contains.

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# **Color**

**Hex(B1E1CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1E1CF
RGB	177, 225, 207
RGB Percent	69%, 88%, 81%
CMY	0.3059, 0.1176, 0.1882
CMYK	0.21, 0.00, 0.08, 0.12
HSL	158°, 44%, 79%
HSV	158°, 21%, 88%
XYZ	56.3192, 67.7025, 69.1310
YIQ	208.5960, -22.8300, -15.7740

# Conversions

## Conversions Part 2

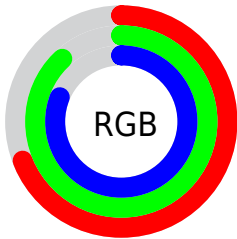
Format	Color
<a href="#">RYB</a>	<a href="#">177, 207, 225</a>
Decimal	<a href="#">11657679</a>
CIELab	<a href="#">85.86, -19.08, 3.72</a>
CIELCh	<a href="#">86, 19.439, 168.968</a>
Yxy	<a href="#">67.7025, 0.2916, 0.3505</a>
Android (android.graphics.Color)	<a href="#">4289847759 (0xFFB1E1CF)</a>
YUV	<a href="#">208.5960, -0.7868, -27.7097</a>
Hunter-Lab	<a href="#">82.2815, -21.8150, 7.7830</a>

# Details

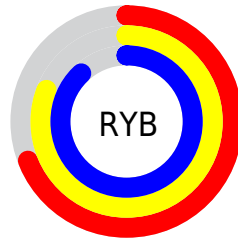
The Hex color **B1E1CF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E1B1C3**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E9FFFF**, and **7CAA99** is the 20% darker color. If you saturate the color by 10%, you get **9BE1C7**, and if you desaturate by 10%, it is **C7E1D7**.

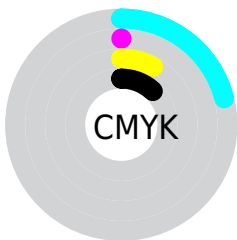
# Distribution



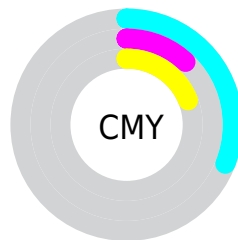
- Red (69%)
- Green (88%)
- Blue (81%)



- Red (69%)
- Yellow (81%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (31%)
- Magenta (12%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B1E1CF 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 B1E1CF by changing the saturation by 10% instead.



 B1E1CF

 B1E1CF

FFFFFF


 96C5B3

 E9FFFF

 7CAA99

 628F7F

 497566

 315C4E

 194537

 002E22

 001B0B

 000000

 B1E1CF

 B1E1CF

 9BE1C7

 C7E1D7

 84E1BE

 DEE1E0

 6EE1B6

 F4E1E8

 57E1AD

 FFE1F1

 40E1A5

 FFE1F9

 2AE19C

 FFE1FF

 13E194

 00E18D

# Harmonies

## Analogous

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



C4DEBE



B1E1CF



A7E1E2

# Triad

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



B1E1CF



D1D4F9



F9CEBC

# Complementary

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



B1E1CF



E1B1C3

# 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.



FECACB



B1E1CF



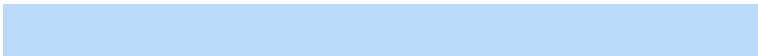
E8CEEF

# Square

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



B1E1CF



BADAF4



F8CBDE



ECD3B3

# Rectangle

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



B1E1CF



A7E0ED



F8CBDE



FCCCC0



# Sweetspot

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



B1E1CF



F0FF9



C3E1B1



77807C



000000



808080

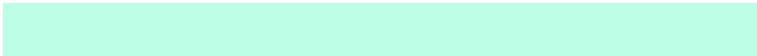


# Same Dimension

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



B1E1CF



BDFFE6



B1DBE1



65706C



00B06E



00301E



# Inverse Universe

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



E1B1C3



FFBDD6



E1B7B1



706569



B00042

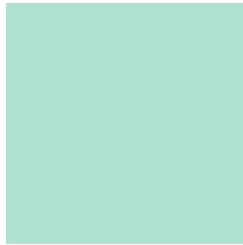


300012



# Previews

## White Background



This preview shows how the Hex color B1E1CF looks on a white background.

## Color Contrast Check

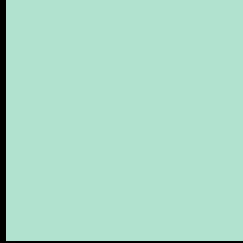
Large Text (above 18pt) WCAG AA × Fail

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 B1E1CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

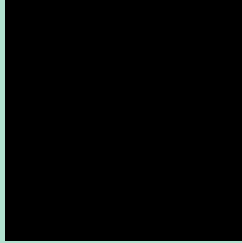
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

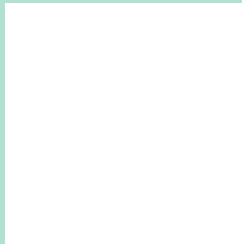
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B1E1CF Background



This preview shows how black text looks on a background with the Hex color B1E1CF.

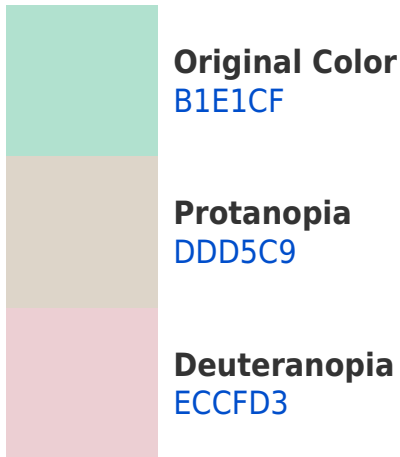


This preview shows how white text looks on a background with the Hex color B1E1CF.

# Color Blindness Simulation

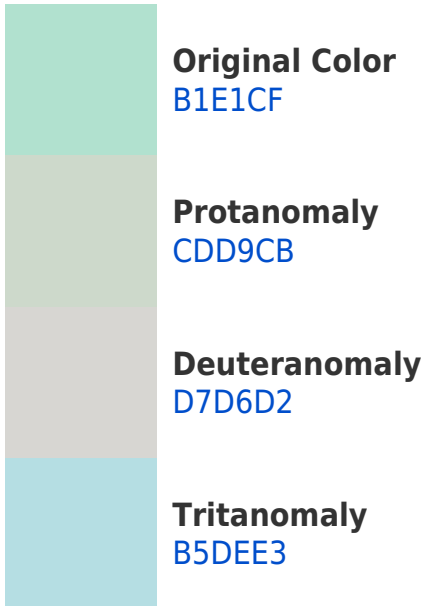
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

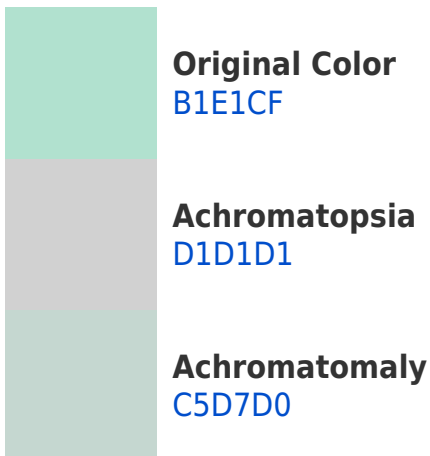




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B1E1CF 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 #B1E1CF looks like.

```
.text, #text, p{  
    color:#B1E1CF  
}
```

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 #B1E1CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E1CF
}
```

## Border

The CSS property to change the border of an element to Hex B1E1CF 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
#B1E1CF }
```

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

```
.border{ border-color:#B1E1CF }
```

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

Here you see how a box with a 4 pixel #B1E1CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E1CF; -webkit-box-shadow:4px 4px  
4px 4px #B1E1CF; box-shadow:4px 4px 4px  
4px #B1E1CF }
```

# Background

The CSS property to change the background color of an element to Hex B1E1CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E1CF }
```

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

```
.background{ background-color:#B1E1CF }
```

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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