

# Converting Colors

Hex(C1B9EB)

Have a look what the booklet for  
Hex(C1B9EB) contains.

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# **Color**

**Hex(C1B9EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1B9EB
RGB	193, 185, 235
RGB Percent	76%, 73%, 92%
CMY	0.2431, 0.2745, 0.0784
CMYK	0.18, 0.21, 0.00, 0.08
HSL	250°, 56%, 82%
HSV	250°, 21%, 92%
XYZ	54.3367, 52.0335, 85.7769
YIQ	193.0920, -11.2820, 17.2460

# Conversions

## Conversions Part 2

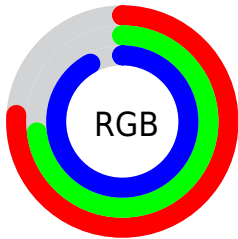
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	193, 185, 235
Decimal	12696043
CIE Lab	77.30, 12.82, -23.85
CIE LCh	77, 27.076, 298.251
Yxy	52.0335, 0.2828, 0.2708
Android (android.graphics.Color)	4290886123 (0xFFC1B9EB)
YUV	193.0920, 20.6606, -0.0807
Hunter-Lab	72.1343, 8.2239, -20.0094

# Details

The Hex color **C1B9EB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3EBB9**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FAF1FF**, and **8B84B3** is the 20% darker color. If you saturate the color by 10%, you get **ADA2EB**, and if you desaturate by 10%, it is **D5D1EB**.

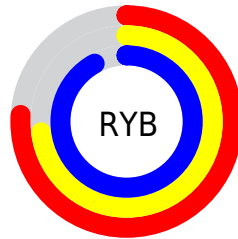
# Distribution



Red (76%)

Green (73%)

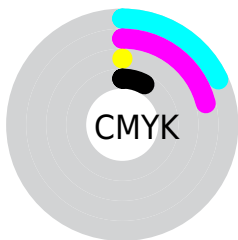
Blue (92%)



Red (76%)

Yellow (73%)

Blue (92%)

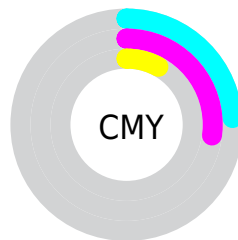


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (27%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1B9EB 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 C1B9EB by changing the saturation by 10% instead.



 C1B9EB

FFFFFF

 FAF1FF

 C1B9EB

 A69ECF


 8B84B3

 716B98

 58537E

 403C65

 28264D

 111236

 000120

 000005

 C1B9EB


 C1B9EB

 ADA2EB

 D5D1EB

 9A8AEB

 E8E8EB

 8673EB

 FCFFEB

 725BEB

 FFFFEB

 5E44EB

 4B2CEB

 3715EB

 2600EB

# Harmonies

## Analogous

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



9EC2F1



C1B9EB



DEB1DA

# Triad

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



C1B9EB



E7B495



82CDBC

# Complementary

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



C1B9EB



E3EBB9

# 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.



9BCAA4



C1B9EB



D3BD8D

# Square

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



C1B9EB



F2AEA8



B8C592



75CCD6

# Rectangle

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



C1B9EB



EBAECA



B8C592



89CCB4



# Sweetspot

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



C1B9EB



F2F0FF



B9E3EB



787780



000000



808080



# Same Dimension

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



C1B9EB



C7BDFF



DAB9EB



6B6A75



1D00B5



090036



# Inverse Universe

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



EBB9E3



FFBDF4



CBEBB9



756A73



B50098

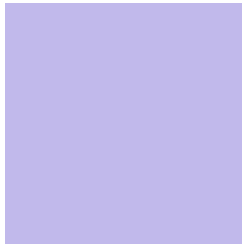


36002D



# Previews

## White Background



This preview shows how the Hex color C1B9EB looks on a white background.

## Color Contrast Check

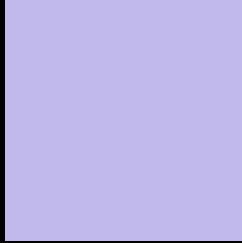
Large Text (above 18pt) WCAG AA × Fail

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 C1B9EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

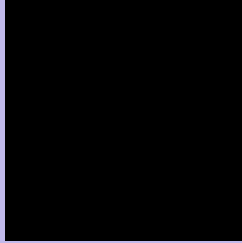
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C1B9EB Background



This preview shows how black text looks on a background with the Hex color C1B9EB.

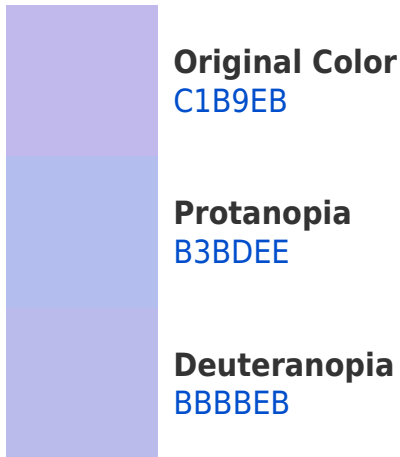


This preview shows how white text looks on a background with the Hex color C1B9EB.

# Color Blindness Simulation

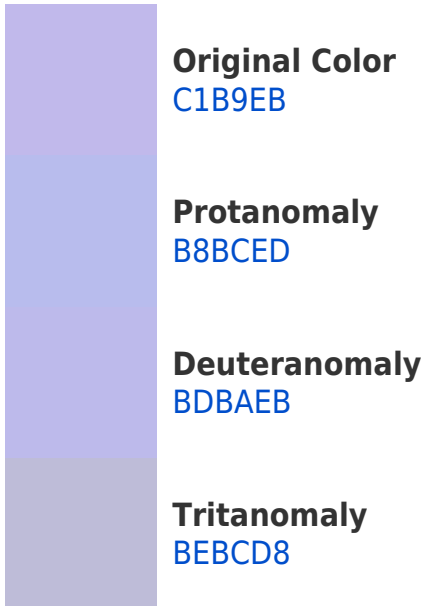
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

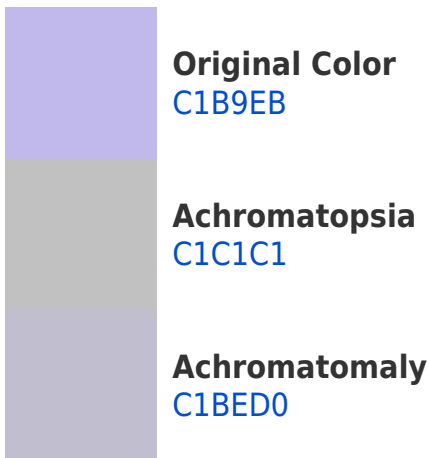




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1B9EB 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 #C1B9EB looks like.

```
.text, #text, p{  
    color:#C1B9EB  
}
```

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 #C1B9EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1B9EB
}
```

## Border

The CSS property to change the border of an element to Hex C1B9EB 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
#C1B9EB }
```

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

```
.border{ border-color:#C1B9EB }
```

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

Here you see how a box with a 4 pixel #C1B9EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1B9EB; -webkit-box-shadow:4px 4px  
4px 4px #C1B9EB; box-shadow:4px 4px 4px  
4px #C1B9EB }
```

# Background

The CSS property to change the background color of an element to Hex C1B9EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1B9EB }
```

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

```
.background{ background-color:#C1B9EB }
```

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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