

# Converting Colors

Hex(C1B3EC)

Have a look what the booklet for  
Hex(C1B3EC) contains.

<b>Hex(C1B3EC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C1B3EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1B3EC
RGB	193, 179, 236
RGB Percent	76%, 70%, 93%
CMY	0.2431, 0.2980, 0.0745
CMYK	0.18, 0.24, 0.00, 0.07
HSL	255°, 60%, 81%
HSV	255°, 24%, 93%
XYZ	53.2527, 49.6338, 86.1304
YIQ	189.6840, -9.9530, 20.6950

# Conversions

## Conversions Part 2

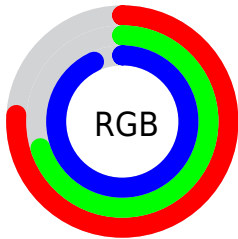
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 179, 236
Decimal	12694508
CIELab	75.84, 16.32, -26.62
CIELCh	76, 31.220, 301.512
Yxy	49.6338, 0.2817, 0.2626
Android (android.graphics.Color)	4290884588 (0xFFC1B3EC)
YUV	189.6840, 22.8338, 2.9081
Hunter-Lab	70.4512, 11.6350, -23.1693

# Details

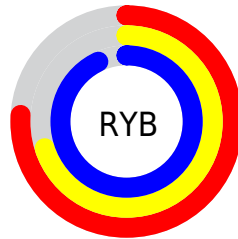
The Hex color **C1B3EC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DEECB3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FAEBFF**, and **8B7EB4** is the 20% darker color. If you saturate the color by 10%, you get **AF9BEC**, and if you desaturate by 10%, it is **D3CBEC**.

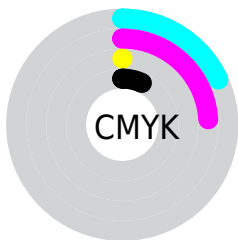
# Distribution



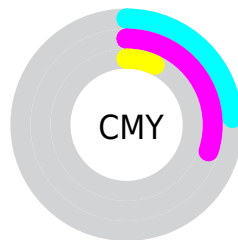
- Red (76%)
- Green (70%)
- Blue (93%)



- Red (76%)
- Yellow (70%)
- Blue (93%)



- Cyan (18%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (24%)
- Magenta (30%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1B3EC 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 C1B3EC by changing the saturation by 10% instead.



 C1B3EC


 C1B3EC

FFFFFF

 A698D0

 FAEBFF

 8B7EB4

 716599

 584D7F

 3F3666

 27214E

 100C36

 000221

 000005

 C1B3EC

 C1B3EC

 AF9BEC

 D3CBEC

 9D84EC

 E5E2EC

 8C6CEC

 F6FAEC

 7A55EC

 FFFFEC

 683DEC

 5625EC

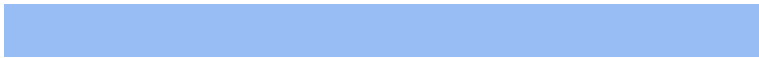
 440EEC

 3A00EC

# Harmonies

## Analogous

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



98BDF4



C1B3EC



E1AAD7

# Triad

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



C1B3EC



E6B089



6FCBBB

# Complementary

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



C1B3EC



DEECB3

# 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.



8EC89F



C1B3EC



CEBA81

# Square

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



C1B3EC



F4A89E



AFC289



60CAD8

# Rectangle

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



C1B3EC



EEA6C4



AFC289



78CAB1



# Sweetspot

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



C1B3EC



F2EDFF



B3DFEC



787580



000000



808080



# Same Dimension

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



C1B3EC



C7B5FF



DDB3EC



6C6A75



2C00B5



0D0036



# Inverse Universe

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



ECB3DE



FFB5ED



C2ECB3



756A72



B50089

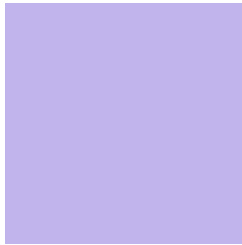


360028



# Previews

## White Background



This preview shows how the Hex color C1B3EC looks on a white background.

## Color Contrast Check

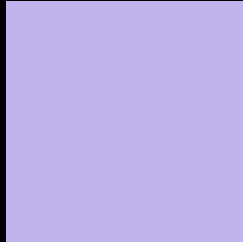
Large Text (above 18pt) WCAG AA × Fail

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 C1B3EC 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 C1B3EC Background



This preview shows how black text looks on a background with the Hex color C1B3EC.

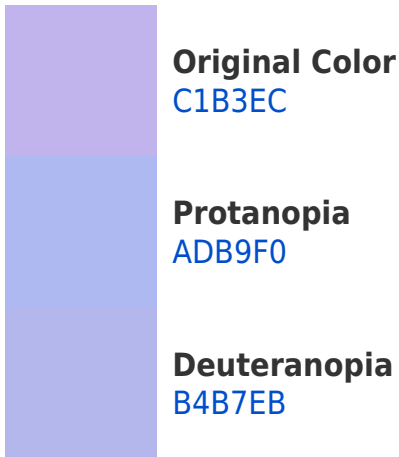


This preview shows how white text looks on a background with the Hex color C1B3EC.

# 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

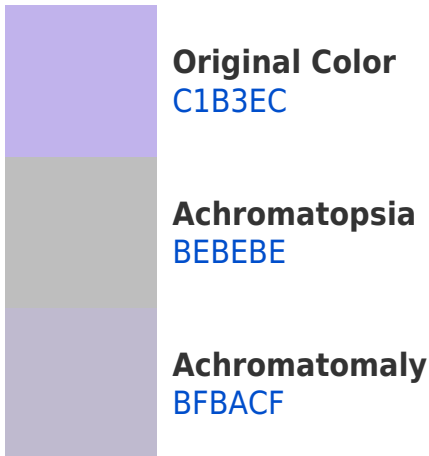




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1B3EC 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 #C1B3EC looks like.

```
.text, #text, p{  
    color:#C1B3EC  
}
```

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 #C1B3EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1B3EC
}
```

## Border

The CSS property to change the border of an element to Hex C1B3EC 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
#C1B3EC }
```

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

```
.border{ border-color:#C1B3EC }
```

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

Here you see how a box with a 4 pixel #C1B3EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1B3EC; -webkit-box-shadow:4px 4px  
4px 4px #C1B3EC; box-shadow:4px 4px 4px  
4px #C1B3EC }
```

# Background

The CSS property to change the background color of an element to Hex C1B3EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1B3EC }
```

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

```
.background{ background-color:#C1B3EC }
```

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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