

# Converting Colors

Hex(C3C3EB)

Have a look what the booklet for  
Hex(C3C3EB) contains.

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# **Color**

**Hex(C3C3EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3C3EB
RGB	195, 195, 235
RGB Percent	76%, 76%, 92%
CMY	0.2353, 0.2353, 0.0784
CMYK	0.17, 0.17, 0.00, 0.08
HSL	240°, 50%, 84%
HSV	240°, 17%, 92%
XYZ	57.0162, 56.6305, 86.5230
YIQ	199.5600, -12.8400, 12.4400

# Conversions

## Conversions Part 2

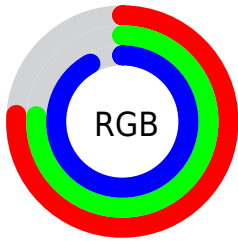
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 195, 235
Decimal	12829675
CIE <sub>Lab</sub>	79.97, 8.02, -19.78
CIE <sub>LCh</sub>	80, 21.343, 292.064
Yxy	56.6305, 0.2848, 0.2829
Android (android.graphics.Color)	4291019755 (0xFFC3C3EB)
YUV	199.5600, 17.4719, -3.9991
Hunter-Lab	75.2532, 3.5488, -15.4919

# Details

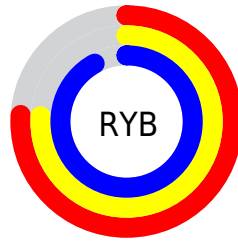
The Hex color **C3C3EB** is a light color, and the websafe version is hex **CCCCCCFF**. A complement of this color would be **EBEBC3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FCFCFF**, and **8D8DB3** is the 20% darker color. If you saturate the color by 10%, you get **ABABEB**, and if you desaturate by 10%, it is **DBDBEB**.

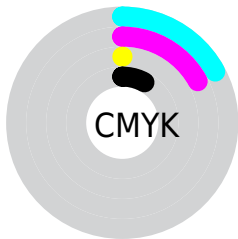
# Distribution



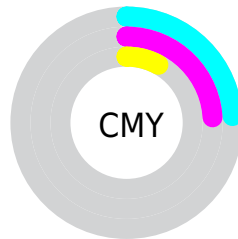
- Red (76%)
- Green (76%)
- Blue (92%)



- Red (76%)
- Yellow (76%)
- Blue (92%)



- Cyan (17%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (24%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3C3EB 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 C3C3EB by changing the saturation by 10% instead.



 C3C3EB

FFFFFF

 FCFCFF

 C3C3EB

 A8A8CF

 8D8DB3

 737498

 5A5B7E

 424465

 2B2E4D

 141936

 000021

 000006

 C3C3EB

 C3C3EB

 ABABEB

 DBDBEB

 9494EB

 F2F2EB

 7C7CEB

 FFFFEB

 6565EB

 4E4EEB

 3636EB

 1F1FEB

 0707EB

 0000EB

# Harmonies

## Analogous

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



A9CAED



C3C3EB



DBBDDF

# Triad

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



C3C3EB



EABDA8



9BD1C0

# Complementary

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



C3C3EB



EBEBC3

# 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.



AFCFAD



C3C3EB



DBC39F

# Square

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



C3C3EB



F0B9B8



C6CAA1



90D2D4

# Rectangle

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



C3C3EB



E7BAD3



C6CAA1



A1D1B9



# Sweetspot

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



C3C3EB



F2F2FF



C3EBEB



787880



000000



808080



# Same Dimension

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



C3C3EB



CCCCFF



D7C3EB



6A6A75



0000B5



000036



# Inverse Universe

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



EBC3EB



FFCCFF



D7EBC3



756A75



B500B5

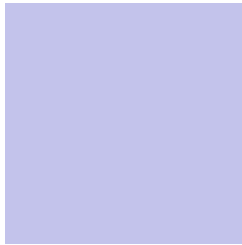


360036



# Previews

## White Background



This preview shows how the Hex color C3C3EB looks on a white background.

## Color Contrast Check

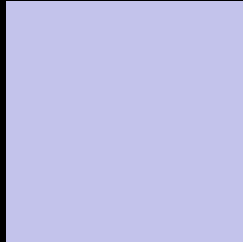
Large Text (above 18pt) WCAG AA × Fail

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 C3C3EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

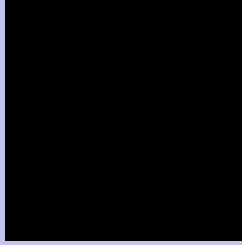
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3C3EB Background



This preview shows how black text looks on a background with the Hex color C3C3EB.



This preview shows how white text looks on a background with the Hex color C3C3EB.

# 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**  
C3C3EB

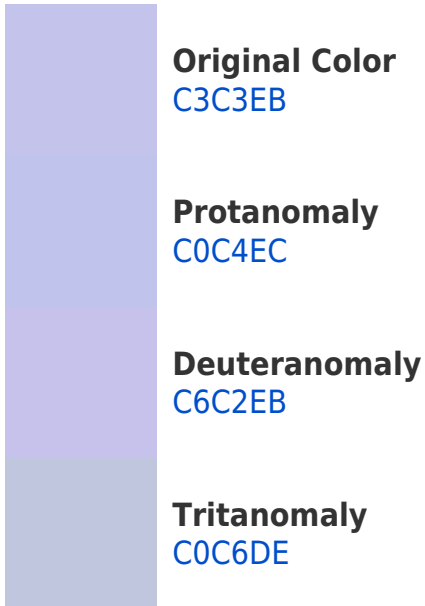
**Protanopia**  
BEC4EC

**Deuteranopia**  
C7C2EB

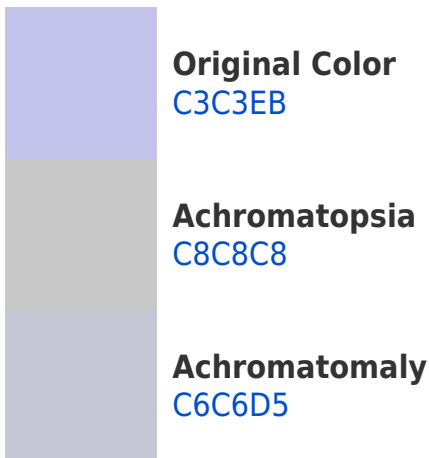


**Tritanopia**  
BFC7D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3C3EB 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 #C3C3EB looks like.

```
.text, #text, p{  
    color:#C3C3EB  
}
```

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 #C3C3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3C3EB
}
```

## Border

The CSS property to change the border of an element to Hex C3C3EB 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
#C3C3EB }
```

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

```
.border{ border-color:#C3C3EB }
```

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

Here you see how a box with a 4 pixel #C3C3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3C3EB; -webkit-box-shadow:4px 4px  
4px 4px #C3C3EB; box-shadow:4px 4px 4px  
4px #C3C3EB }
```

# Background

The CSS property to change the background color of an element to Hex C3C3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3C3EB }
```

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

```
.background{ background-color:#C3C3EB }
```

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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