

Converting Colors

Hex(CBC0EC)

Have a look what the booklet for
Hex(CBC0EC) contains.

Hex(CBC0EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CBC0EC)

Conversions

Conversions Part 1

Format	Color
Hex	CBC0EC
RGB	203, 192, 236
RGB Percent	80%, 75%, 93%
CMY	0.2039, 0.2471, 0.0745
CMYK	0.14, 0.19, 0.00, 0.07
HSL	255°, 54%, 84%
HSV	255°, 19%, 93%
XYZ	58.6186, 56.4519, 87.1637
YIQ	200.3050, -7.5680, 16.0160

Conversions

Conversions Part 2

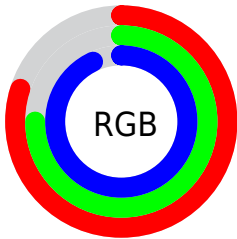
Format	Color
R_{YB}	203, 192, 236
Decimal	13353196
CIE _{Lab}	79.87, 12.37, -20.41
CIE _{LCh}	80, 23.865, 301.211
Yxy	56.4519, 0.2899, 0.2791
Android (android.graphics.Color)	4291543276 (0xFFCBC0EC)
YUV	200.3050, 17.5976, 2.3635
Hunter-Lab	75.1345, 7.7771, -16.1883

Details

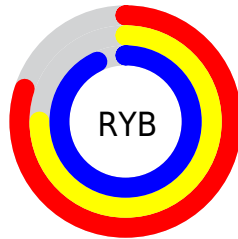
The Hex color **CBC0EC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E1ECC0**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFF8FF**, and **958BB4** is the 20% darker color. If you saturate the color by 10%, you get **B9A8EC**, and if you desaturate by 10%, it is **DDD8EC**.

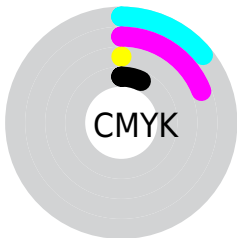
Distribution



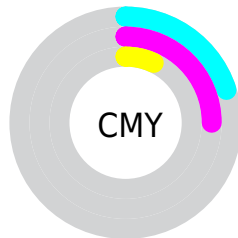
- Red (80%)
- Green (75%)
- Blue (93%)



- Red (80%)
- Yellow (75%)
- Blue (93%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBC0EC 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 CBC0EC by changing the saturation by 10% instead.

 CBC0EC

FFFFFF

 FFF8FF

 CBC0EC

 AFA5D0

 958BB4

 7A7199

 61597F

 494166

 322B4E

 1B1737

 060022

 000007

 CBC0EC

 CBC0EC

 B9A8EC

 DDD8EC

 A891EC

 EEEFEC

 9679EC

 FFFFEC

 8462EC

 724AEC

 6132EC

 4F1BEC

 3D03EC

 3B00EC

Harmonies

Analogous

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



ADC8F2



CBC0EC



E4B9DC

Triad

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



CBC0EC



E9BDA0



90D3C6

Complementary

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



CBC0EC



E1ECC0

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.



A4D1B0



CBC0EC



D6C59A

Square

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



CBC0EC



F3B8B0



BECCA0



88D2DC

Rectangle

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



CBC0EC



EEB7CD



BECCA0



96D2BE

Sweetspot

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



CBC0EC



F4F0FF



C0E1EC



797780



000000



808080

Same Dimension

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



CBC0EC



D5C7FF



E1C0EC



6D6A75



2D00B5



0D0036

Inverse Universe

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



ECC0E1



FFC7F1



CBECC0



756A72



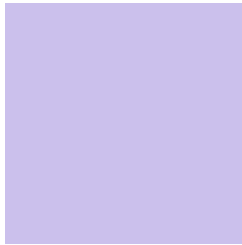
B50088



360028

Previews

White Background



This preview shows how the Hex color CBC0EC looks on a white background.

Color Contrast Check

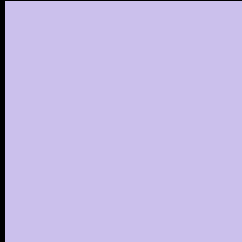
Large Text (above 18pt) WCAG AA × Fail

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 CBC0EC 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 CBC0EC Background



This preview shows how black text looks on a background with the Hex color CBC0EC.

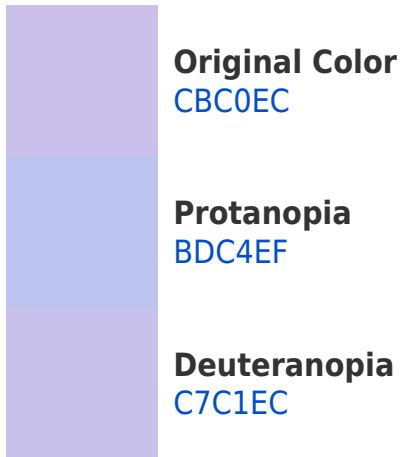


This preview shows how white text looks on a background with the Hex color CBC0EC.

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](#).

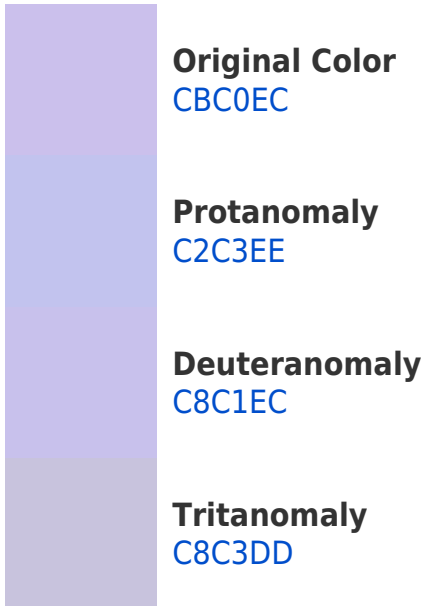
Dichromacy



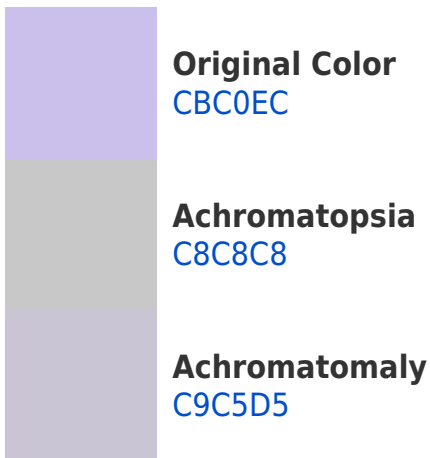


Tritanopia
C7C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBC0EC 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 #CBC0EC looks like.

```
.text, #text, p{  
    color:#CBC0EC  
}
```

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 #CBC0EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC0EC
}
```

Border

The CSS property to change the border of an element to Hex CBC0EC 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
#CBC0EC }
```

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

```
.border{ border-color:#CBC0EC }
```

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

Here you see how a box with a 4 pixel #CBC0EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC0EC; -webkit-box-shadow:4px 4px  
4px 4px #CBC0EC; box-shadow:4px 4px 4px  
4px #CBC0EC }
```

Background

The CSS property to change the background color of an element to Hex CBC0EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC0EC }
```

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

```
.background{ background-color:#CBC0EC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor