

Converting Colors

Hex(CCBEEC)

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

Hex(CCBEEC)	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(CCBEEC)

Conversions

Conversions Part 1

Format	Color
Hex	CCBEEC
RGB	204, 190, 236
RGB Percent	80%, 75%, 93%
CMY	0.2000, 0.2549, 0.0745
CMYK	0.14, 0.19, 0.00, 0.07
HSL	258°, 55%, 84%
HSV	258°, 19%, 93%
XYZ	58.4556, 55.7204, 87.0311
YIQ	199.4300, -6.4220, 17.2740

Conversions

Conversions Part 2

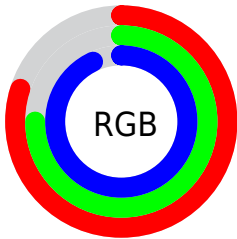
Format	Color
RYB	204, 190, 236
Decimal	13418220
CIELab	79.45, 13.76, -21.03
CIELCh	79, 25.137, 303.201
Yxy	55.7204, 0.2905, 0.2769
Android (android.graphics.Color)	4291608300 (0xFFCCBEEC)
YUV	199.4300, 18.0290, 4.0079
Hunter-Lab	74.6461, 9.1533, -16.8749

Details

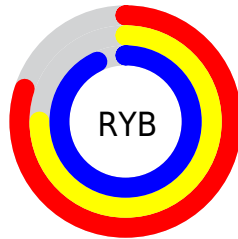
The Hex color **CCBEEC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DEECBE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFF6FF**, and **9589B4** is the 20% darker color. If you saturate the color by 10%, you get **BCA6EC**, and if you desaturate by 10%, it is **DCD6EC**.

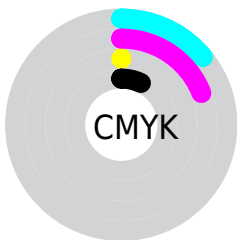
Distribution



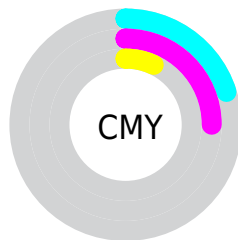
- Red (80%)
- Green (75%)
- Blue (93%)



- 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 CCBEEC 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 CCBEEC by changing the saturation by 10% instead.

 CCBEEC

FFFFFF

 FFF6FF

 CCBEEC

 B0A3D0

 9589B4

 7B6F99

 62577F

 4A3F66

 32294E

 1C1537

 060022

 000007

 CCBEEC

 CCBEEC

 BCA6EC

 DCD6EC

 AB8FEC

 EDEDEC

 9B77EC

 FDF FEC

 8A60EC

 FFF FEC

 7A48EC

 6930EC

 5919EC

 4901EC

 4800EC

Harmonies

Analogous

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



ACC6F3



CCBEEC



E5B7DA

Triad

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



CCBEEC



E8BC9C



8AD2C7

Complementary

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



CCBEEC



DEECBE

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.



A0D0AF



CCBEEC



D4C496

Square

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



CCBEEC



F4B6AC



BACB9D



82D1DE

Rectangle

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



CCBEEC



F0B5CB



BACB9D



90D2BE

Sweetspot

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



CCBEEC



F4F0FF



BEDEEC



797780



000000



808080

Same Dimension

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



CCBEEC



D6C4FF



E3BEEC



6D6A75



3700B5



100036

Inverse Universe

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



ECBEDE



FFC4ED



C7ECBE



756A72



B5007E



360025

Previews

White Background



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

Color Contrast Check

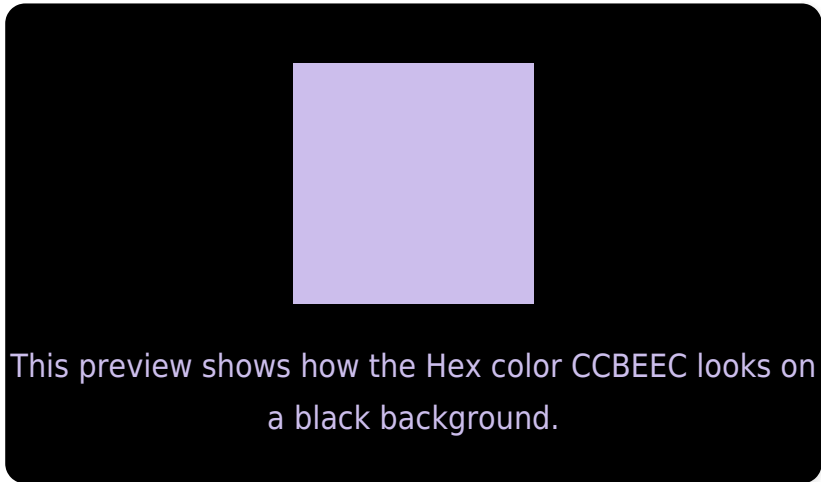
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

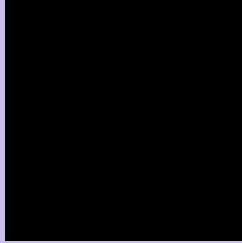
Any Text WCAG AA ✓ Pass

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 CCBEEC Background



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

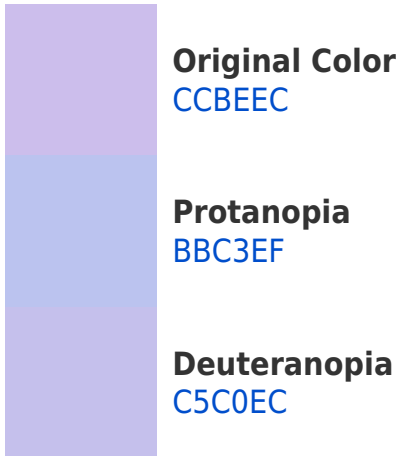


This preview shows how white text looks on a background with the Hex color CCBEEC.

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](#).

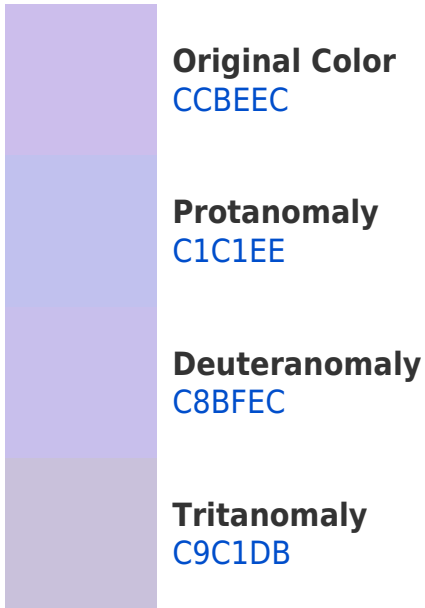
Dichromacy



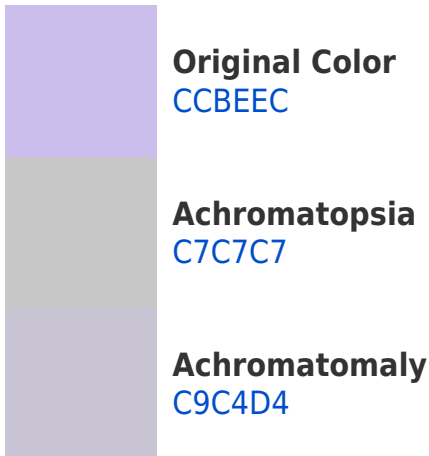


Tritanopia
C8C3D2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #CCBEEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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