

# Converting Colors

Hex(CBC7ED)

Have a look what the booklet for  
Hex(CBC7ED) contains.

<b>Hex(CBC7ED)</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(CBC7ED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBC7ED
RGB	203, 199, 237
RGB Percent	80%, 78%, 93%
CMY	0.2039, 0.2196, 0.0706
CMYK	0.14, 0.16, 0.00, 0.07
HSL	246°, 51%, 85%
HSV	246°, 16%, 93%
XYZ	60.3381, 59.6578, 88.4557
YIQ	204.5280, -9.8140, 12.6660

# Conversions

## Conversions Part 2

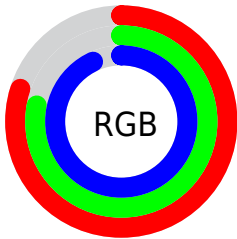
Format	Color
R <sub>Y</sub> B	203, 199, 237
Decimal	13354989
CIE Lab	81.65, 8.81, -18.25
CIE LCh	82, 20.267, 295.764
Yxy	59.6578, 0.2895, 0.2862
Android (android.graphics.Color)	4291545069 (0xFFCBC7ED)
YUV	204.5280, 16.0087, -1.3401
Hunter-Lab	77.2385, 4.2755, -13.8337

# Details

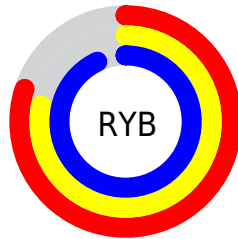
The Hex color **CBC7ED** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E9EDC7**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFFF**, and **9591B5** is the 20% darker color. If you saturate the color by 10%, you get **B6AFED**, and if you desaturate by 10%, it is **E0DFED**.

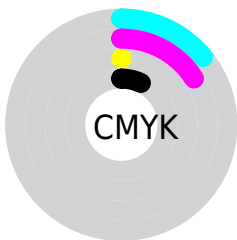
# Distribution



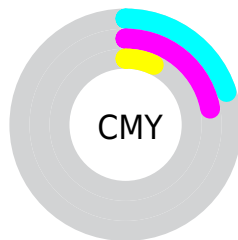
- Red (80%)
- Green (78%)
- Blue (93%)



- Red (80%)
- Yellow (78%)
- Blue (93%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (22%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBC7ED 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 CBC7ED by changing the saturation by 10% instead.



■ CBC7ED

FFFFFF

■ CBC7ED

■ AFACD1

■ 9591B5

■ 7B789A

■ 615F80

■ 494767

■ 32314F

■ 1C1C38

■ 060123

■ 000009

 CBC7ED

 CBC7ED

 B6AFED

 E0DFED

 A198ED

 F5F6ED

 8B80ED

 FFFFED

 7668ED

 6150ED

 4C39ED

 3721ED

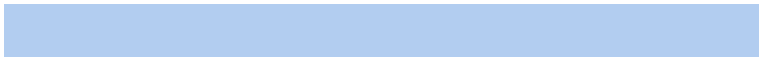
 2109ED

 1900ED

# Harmonies

## Analogous

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



B2CDF0



CBC7ED



E1C1E1

# Triad

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



CBC7ED



ECC3AC



A0D6C7

# Complementary

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



CBC7ED



E9EDC7

# 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.



B2D3B5



CBC7ED



DDC9A5

# Square

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



CBC7ED



F3BFBB



C8CFA9



98D6DB

# Rectangle

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



CBC7ED



ECBFD5



C8CFA9



A6D5C1



# Sweetspot

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



CBC7ED



F4F2FF



C7E9ED



797880



000000



808080



# Same Dimension

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



CBC7ED



D4CFFF



DEC7ED



6B6A75



1300B5



060036



# Inverse Universe

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



EDC7E9



FFCFFA



D6EDC7



756A74



B500A2

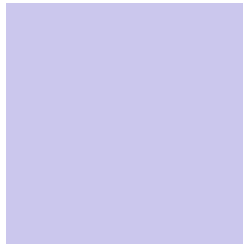


360030



# Previews

## White Background



This preview shows how the Hex color CBC7ED looks on a white background.

## Color Contrast Check

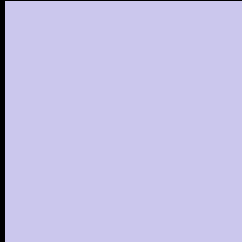
Large Text (above 18pt) WCAG AA × Fail

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 CBC7ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

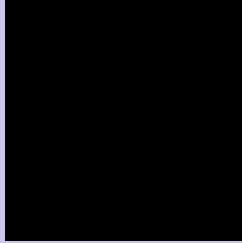
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBC7ED Background



This preview shows how black text looks on a background with the Hex color CBC7ED.



This preview shows how white text looks on a background with the Hex color CBC7ED.

# 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**  
CBC7ED

**Protanopia**  
C4C9EE

**Deuteranopia**  
CEC6ED



# Trichromacy



**Original Color**  
CBC7ED

**Protanomaly**  
C7C8EE

**Deuteranomaly**  
CDC6ED

**Tritanomaly**  
C9C9E1

# Monochromacy



**Original Color**  
CBC7ED

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
CCCBD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBC7ED 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 #CBC7ED looks like.

```
.text, #text, p{  
    color:#CBC7ED  
}
```

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 #CBC7ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC7ED
}
```

## Border

The CSS property to change the border of an element to Hex CBC7ED 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
#CBC7ED }
```

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

```
.border{ border-color:#CBC7ED }
```

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

Here you see how a box with a 4 pixel `#CBC7ED` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC7ED; -webkit-box-shadow:4px 4px  
4px 4px #CBC7ED; box-shadow:4px 4px 4px  
4px #CBC7ED }
```

# Background

The CSS property to change the background color of an element to Hex CBC7ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC7ED }
```

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

```
.background{ background-color:#CBC7ED }
```

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