

# Converting Colors

Hex(C7CBD0)

Have a look what the booklet for  
Hex(C7CBD0) contains.

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# **Color**

**Hex(C7CBD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7CBD0
RGB	199, 203, 208
RGB Percent	78%, 80%, 82%
CMY	0.2196, 0.2039, 0.1843
CMYK	0.04, 0.02, 0.00, 0.18
HSL	213°, 9%, 80%
HSV	213°, 4%, 82%
XYZ	56.2943, 59.4081, 68.1744
YIQ	202.3740, -3.9890, 0.7070

# Conversions

## Conversions Part 2

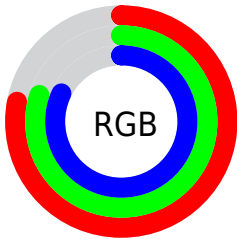
Format	Color
R <sub>YB</sub>	199, 202, 208
Decimal	13093840
CIE Lab	81.52, -0.43, -2.97
CIE LCh	82, 3.001, 261.849
Yxy	59.4081, 0.3062, 0.3231
Android (android.graphics.Color)	4291283920 (0xFFC7CBD0)
YUV	202.3740, 2.7736, -2.9590
Hunter-Lab	77.0766, -4.5134, 1.5115

# Details

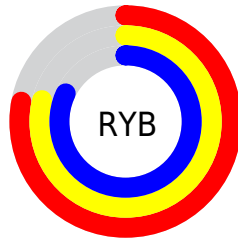
The Hex color **C7CBD0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D0CCC7**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFFFF**, and **91959A** is the 20% darker color. If you saturate the color by 10%, you get **B2BFD0**, and if you desaturate by 10%, it is **DCD7D0**.

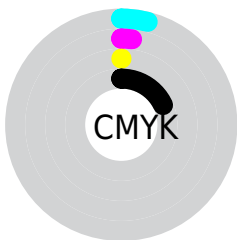
# Distribution



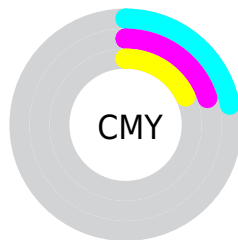
- Red (78%)
- Green (80%)
- Blue (82%)



- Red (78%)
- Yellow (79%)
- Blue (82%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (20%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7CBD0 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 C7CBD0 by changing the saturation by 10% instead.



■ C7CBD0

FFFFFF

■ C7CBD0

■ ACB0B4

■ 91959A

■ 777B80

■ 5F6267

■ 474B4F

■ 313438

■ 1C1F23

■ 01060D

■ 000000

 C7CBD0

 C7CBD0

 B2BFD0

 DCD7D0

 9DB4D0

 F1E2D0

 89A8D0

 FFEED0

 749DD0


 FFF9D0

 5F91D0

 FFFF00

 4A86D0

 357AD0

 216FD0

 0C63D0

# Harmonies

## Analogous

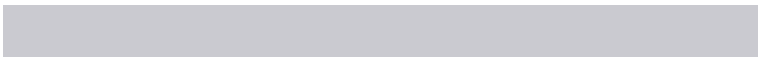
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C5CCCF



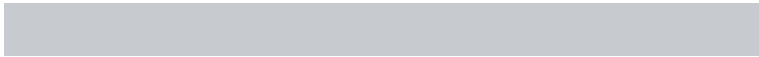
C7CBD0



CACAD0

# Triad

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



C7CBD0



D1C9C9



C7CCC7

# Complementary

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



C7CBD0



D0CCC7

# 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.



CBCBC5



C7CBD0



D0C9C6

# Square

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



C7CBD0



D0C9CB



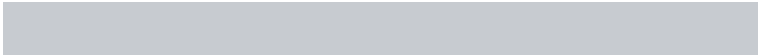
CECAC5



C5CCCA

# Rectangle

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



C7CBD0



CDCACF



CECAC5

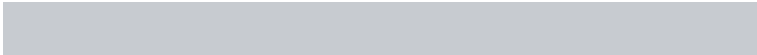


C8CCC6



# Sweetspot

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



C7CBD0



FCFEFF



C7D0CC



7E7F80



000000



808080

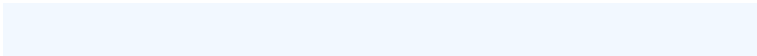


# Same Dimension

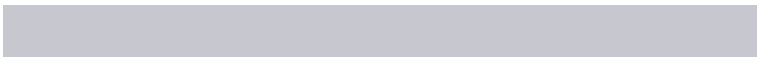
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C7CBD0



F2F8FF



C7C7D0



626569



004BA8



001229



# Inverse Universe

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



D0C7CB



FFF2F8



D0D0C7



696265



A8004B

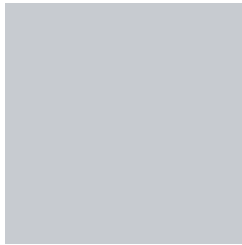


290012



# Previews

## White Background



This preview shows how the Hex color C7CBD0 looks on a white background.

## Color Contrast Check

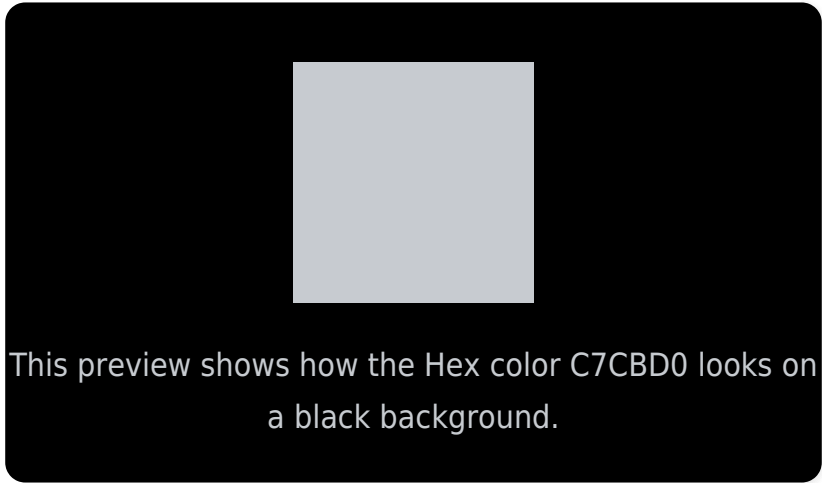
Large Text (above 18pt) WCAG AA × Fail

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

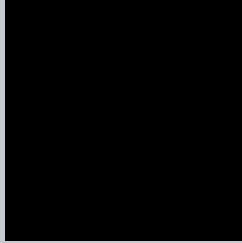
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

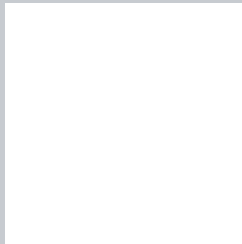
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7CBD0 Background



This preview shows how black text looks on a background with the Hex color C7CBD0.

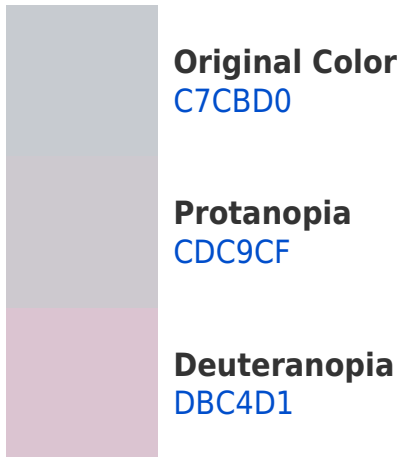


This preview shows how white text looks on a background with the Hex color C7CBD0.

# 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



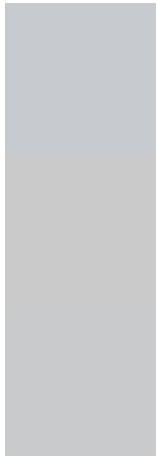
**Original Color**  
C7CBD0

**Protanomaly**  
CBCACF

**Deuteranomaly**  
D4C7D1

**Tritanomaly**  
C8CAD6

# Monochromacy



**Original Color**  
C7CBD0

**Achromatopsia**  
CACACA

**Achromatomaly**  
C9CACC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7CBD0 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 #C7CBD0 looks like.

```
.text, #text, p{  
    color:#C7CBD0  
}
```

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 #C7CBD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7CBD0  
}
```

## Border

The CSS property to change the border of an element to Hex C7CBD0 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  
#C7CBD0 }
```

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

```
.border{ border-color:#C7CBD0 }
```

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

Here you see how a box with a 4 pixel `#C7CBD0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7CBD0; -webkit-box-shadow:4px 4px  
4px 4px #C7CBD0; box-shadow:4px 4px 4px  
4px #C7CBD0 }
```

# Background

The CSS property to change the background color of an element to Hex C7CBD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7CBD0 }
```

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

```
.background{ background-color:#C7CBD0 }
```

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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