

# Converting Colors

Hex(CBC7D1)

Have a look what the booklet for  
Hex(CBC7D1) contains.

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# **Color**

**Hex(CBC7D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBC7D1
RGB	203, 199, 209
RGB Percent	80%, 78%, 82%
CMY	0.2039, 0.2196, 0.1804
CMYK	0.03, 0.05, 0.00, 0.18
HSL	264°, 10%, 80%
HSV	264°, 5%, 82%
XYZ	56.5606, 58.1468, 68.5640
YIQ	201.3360, -0.8260, 3.9580

# Conversions

## Conversions Part 2

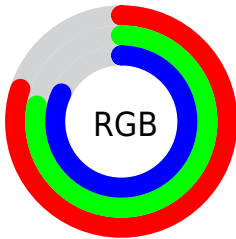
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 199, 209
Decimal	13354961
CIE <sub>Lab</sub>	80.82, 3.23, -4.49
CIE <sub>LCh</sub>	81, 5.535, 305.721
Yxy	58.1468, 0.3086, 0.3173
Android (android.graphics.Color)	4291545041 (0xFFCBC7D1)
YUV	201.3360, 3.7784, 1.4593
Hunter-Lab	76.2541, -1.0441, 0.0671

# Details

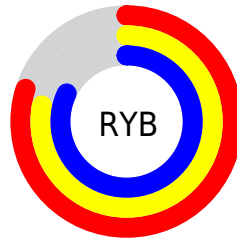
The Hex color **CBC7D1** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CDD1C7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFFF**, and **95919B** is the 20% darker color. If you saturate the color by 10%, you get **BEB2D1**, and if you desaturate by 10%, it is **D8DCD1**.

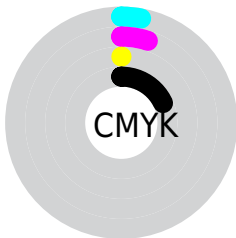
# Distribution



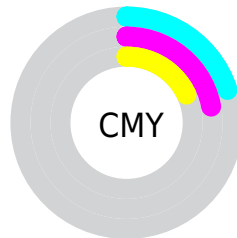
- Red (80%)
- Green (78%)
- Blue (82%)



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



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color CBC7D1 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 CBC7D1 by changing the saturation by 10% instead.



■ CBC7D1

FFFFFF

■ CBC7D1

■ B0ACB5

■ 95919B

■ 7B7881

■ 625F68

■ 4A4750

■ 343139

■ 1F1C23

■ 06010E

■ 000000

 CBC7D1

 CBC7D1

 BEB2D1

 D8DCD1

 B29DD1

 E4F1D1

 A588D1

 F1FFD1

 9973D1

 FDFFD1

 8C5FD1

 FFFFD1

 804AD1

 7335D1

 6720D1

 5A0BD1

# Harmonies

## Analogous

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



C5C9D3



CBC7D1



D0C6CD

# Triad

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



CBC7D1



D1C7BF



BDCCC9

# Complementary

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



CBC7D1



CDD1C7

# 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.



C0CBC4



CBC7D1



CCC9BE

# Square

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



CBC7D1



D4C6C3



C6CAC0



BCCBCE

# Rectangle

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



CBC7D1



D3C5CA



C6CAC0



BECCC8



# Sweetspot

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



CBC7D1



FDFCFF



C7CDD1



7F7E80



000000



808080



# Same Dimension

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



CBC7D1



F6F0FF



D0C7D1



646169



4300A8



100029



# Inverse Universe

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



D1C7CD



FFF0F9



C8D1C7



696166



A80065

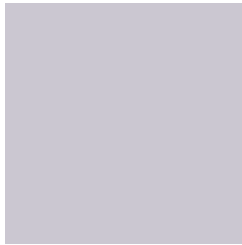


290018



# Previews

## White Background



This preview shows how the Hex color CBC7D1 looks on a white background.

## Color Contrast Check

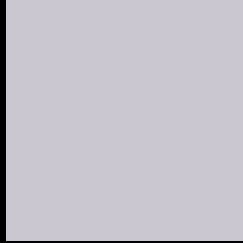
Large Text (above 18pt) WCAG AA × Fail

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 CBC7D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

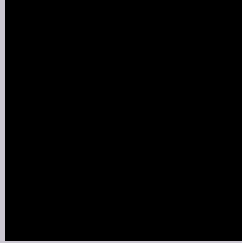
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

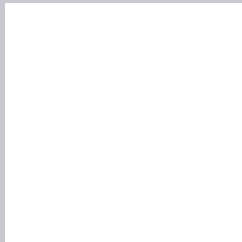
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBC7D1 Background



This preview shows how black text looks on a background with the Hex color CBC7D1.

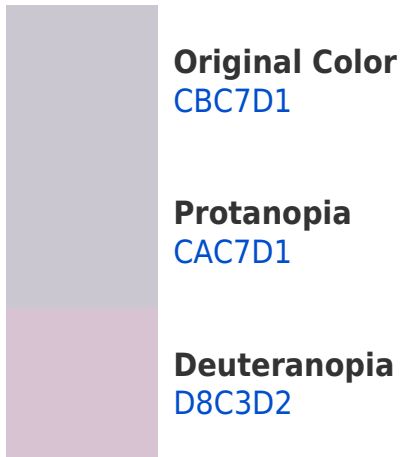


This preview shows how white text looks on a background with the Hex color CBC7D1.

# 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**  
CCC6D6

# Trichromacy



**Original Color**  
CBC7D1

**Protanomaly**  
CAC7D1

**Deuteranomaly**  
D3C4D2

**Tritanomaly**  
CCC6D4

# Monochromacy



**Original Color**  
CBC7D1

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
CAC8CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBC7D1 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 #CBC7D1 looks like.

```
.text, #text, p{  
    color:#CBC7D1  
}
```

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 #CBC7D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC7D1
}
```

## Border

The CSS property to change the border of an element to Hex CBC7D1 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
#CBC7D1 }
```

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

```
.border{ border-color:#CBC7D1 }
```

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

Here you see how a box with a 4 pixel `#CBC7D1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC7D1; -webkit-box-shadow:4px 4px  
4px 4px #CBC7D1; box-shadow:4px 4px 4px  
4px #CBC7D1 }
```

# Background

The CSS property to change the background color of an element to Hex CBC7D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC7D1 }
```

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

```
.background{ background-color:#CBC7D1 }
```

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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