

Converting Colors

Hex(CCBCB3)

Have a look what the booklet for
Hex(CCBCB3) contains.

Hex(CCBCB3)	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(CCBCB3)

Conversions

Conversions Part 1

Format	Color
Hex	CCBCB3
RGB	204, 188, 179
RGB Percent	80%, 74%, 70%
CMY	0.2000, 0.2627, 0.2980
CMYK	0.00, 0.08, 0.12, 0.20
HSL	22°, 20%, 75%
HSV	22°, 12%, 80%
XYZ	51.0217, 52.0585, 50.0070
YIQ	191.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

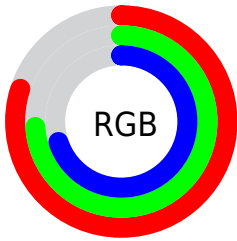
Format	Color
RYB	204, 193, 179
Decimal	13417651
CIELab	77.32, 4.13, 6.58
CIELCh	77, 7.773, 57.862
Yxy	52.0585, 0.3333, 0.3401
Android (android.graphics.Color)	4291607731 (0xFFCCBCB3)
YUV	191.7580, -6.2897, 10.7362
Hunter-Lab	72.1516, -0.0395, 9.4132

Details

The Hex color **CCBCB3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B3C3CC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF4EB**, and **96877E** is the 20% darker color. If you saturate the color by 10%, you get **CCAF9F**, and if you desaturate by 10%, it is **CCC9C7**.

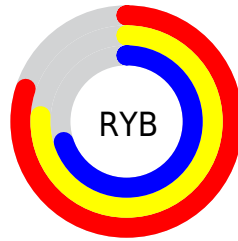
Distribution



Red (80%)

Green (74%)

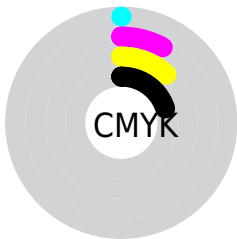
Blue (70%)



Red (80%)

Yellow (76%)

Blue (70%)

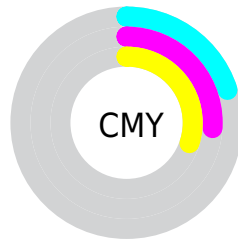


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCBCB3 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 CCBCB3 by changing the saturation by 10% instead.

 CCBCB3

 CCBCB3

FFFFFF

 B0A198

 FFF4EB

 96877E

 7C6E65

 63554D

 4B3E37

 342821

 1F140B

 000000

 CCBCB3

 CCBCB3

■ CCAF9F

■ CCC9C7

■ CCA28A

■ CCD6DC

■ CC9576

■ CCE3F0

■ CC8861

■ CCF0FF

■ CC7B4D

■ CCFDFD

■ CC6E39

■ CCFFFF

■ CC6124

■ CC5410

■ CC4900

Harmonies

Analogous

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



CFBBB9



CCBCB3



C6BEB1

Triad

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



CCBCB3



AFC3BE



C0BDCC

Complementary

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



CCBCB3



B3C3CC

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.



B7C0CD



CCBCB3



ADC3C5

Square

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



CCBCB3



B5C2B7



B0C2CB



C8BBC7

Rectangle

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



CCBCB3



C0C0B1



B0C2CB



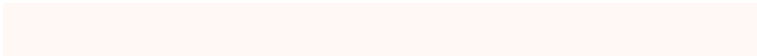
BDBECD

Sweetspot

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



CCBCB3



FFF8F5



CCB3C3



807B79



000000



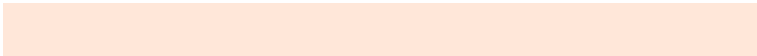
808080

Same Dimension

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



CCBCB3



FFE7D9



CCC8B3



665F5C



A63C00



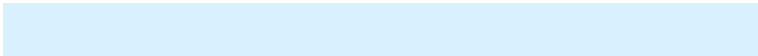
260E00

Inverse Universe

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



B3C3CC



D9F1FF



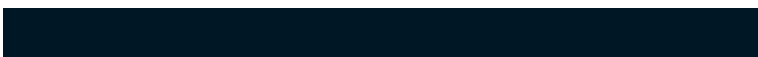
B3B7CC



5C6266



006AA6



001826

Previews

White Background



This preview shows how the Hex color CCBCB3 looks on a white background.

Color Contrast Check

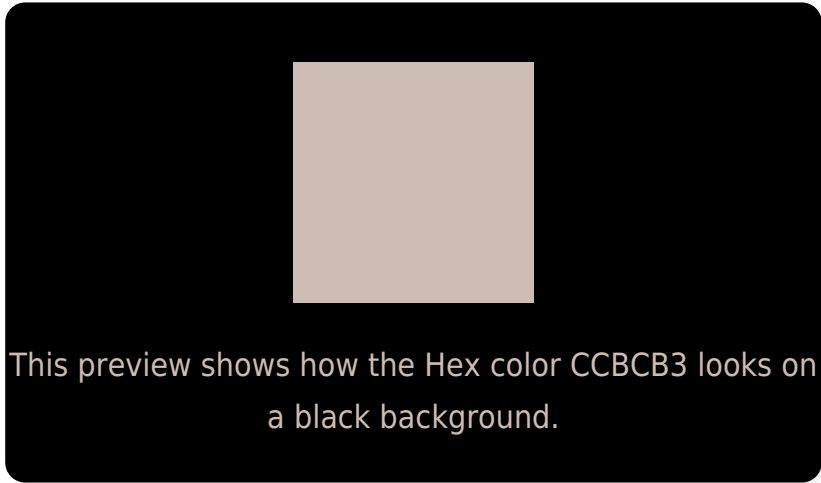
Large Text (above 18pt) WCAG AA × Fail

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

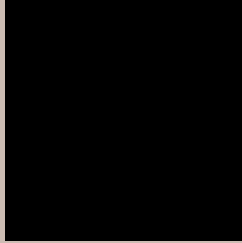
Any Text WCAG AA ✓ Pass

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 CCBCB3 Background



This preview shows how black text looks on a background with the Hex color CCBCB3.



This preview shows how white text looks on a background with the Hex color CCBCB3.

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
CFB9C7

Trichromacy



Original Color
CCBCB3

Protanomaly
C8BDB4

Deuteranomaly
D2B9B4

Tritanomaly
CEBAC0

Monochromacy



Original Color
CCBCB3

Achromatopsia
C0C0C0

Achromatomaly
C4BFBB

CSS Examples

Text

The CSS property to change the color of the text to Hex CCBCB3 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 #CCBCB3 looks like.

```
.text, #text, p{  
    color:#CCBCB3  
}
```

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 #CCBCB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCBCB3  
}
```

Border

The CSS property to change the border of an element to Hex CCBCB3 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  
#CCBCB3 }
```

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

```
.border{ border-color:#CCBCB3 }
```

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

Here you see how a box with a 4 pixel #CCBCB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCBCB3; -webkit-box-shadow:4px 4px  
4px 4px #CCBCB3; box-shadow:4px 4px 4px  
4px #CCBCB3 }
```

Background

The CSS property to change the background color of an element to Hex CCBCB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCBCB3 }
```

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

```
.background{ background-color:#CCBCB3 }
```

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