

# Converting Colors

Hex(CCCBC9)

Have a look what the booklet for  
Hex(CCCBC9) contains.

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# **Color**

**Hex(CCCBC9)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | CCCBC9                    |
| RGB         | 204, 203, 201             |
| RGB Percent | 80%, 80%, 79%             |
| CMY         | 0.2000, 0.2039, 0.2118    |
| CMYK        | 0.00, 0.00, 0.01, 0.20    |
| HSL         | 40°, 3%, 79%              |
| HSV         | 40°, 1%, 80%              |
| XYZ         | 56.8004, 59.7663, 63.8007 |
| YIQ         | 203.0710, 1.2380, -0.4100 |

# Conversions

## Conversions Part 2

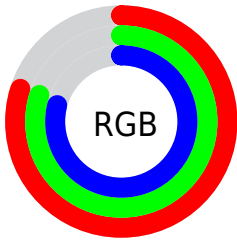
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 203, 204, 201                |
| Decimal                             | 13421513                     |
| CIE Lab                             | 81.71, -0.01, 1.11           |
| CIE LCh                             | 82, 1.107, 90.725            |
| Yxy                                 | 59.7663, 0.3149,<br>0.3314   |
| Android<br>(android.graphics.Color) | 4291611593<br>(0xFFCCCCBC9)  |
| YUV                                 | 203.0710, -1.0210,<br>0.8147 |
| Hunter-Lab                          | 77.3087, -4.1422,<br>5.1857  |

# Details

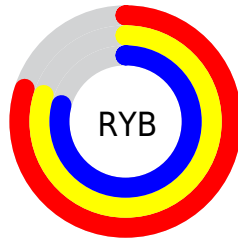
The Hex color **CCCBC9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C9CACC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFFF**, and **969593** is the 20% darker color. If you saturate the color by 10%, you get **CCC4B5**, and if you desaturate by 10%, it is **CCD2DD**.

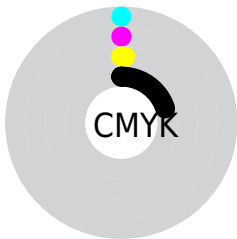
# Distribution



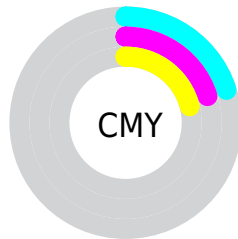
- Red (80%)
- Green (80%)
- Blue (79%)



- Red (80%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCCBC9 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 CCCBC9 by changing the saturation by 10% instead.



■ CCCBC9

FFFFFF

■ CCCBC9

■ B1B0AE

■ 969593

■ 7C7B79

■ 636261

■ 4B4B49

■ 353432

■ 201F1D

■ 070604

■ 000000

 CCCBC9

 CCCBC9

 CCC4B5

 CCD2DD

 CCBDA0

 CCD9F2

 CCB78C

 CCDFFF

 CCB077

 CCE6FF

 CCA963

 CCEDFF

 CCA24F

 CCF4FF

 CC9B3A

 CCFBFF

 CC9526

 CCFFFF

 CC8E11

# Harmonies

## Analogous

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



CDCBC9



CCCBC9



CBCBC9

# Triad

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



CCCBC9



C9CCCC



CDCBCC

# Complementary

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



CCCBC9



C9CACC

# 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.



CBCBCD



CCCBC9



C9CBCD

# Square

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



CCCBC9



C9CCCB



CACBCD



CDCACB

# Rectangle

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



CCCBC9



CACCCA



CACBCD



CCCBCC



# Sweetspot

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



CCCBC9

FFFFFF



CCC9CA



808080



000000

# Same Dimension

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



CCCBC9



FFDFA



CCCCC9



666564



A66E00



261900



# Inverse Universe

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



C9CACC



FAFCFF



C9C9CC



646566



0037A6

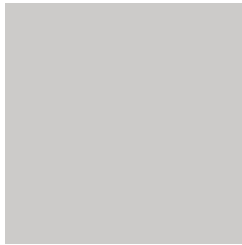


000D26



# Previews

## White Background



This preview shows how the Hex color CCCBC9 looks on a white background.

## Color Contrast Check

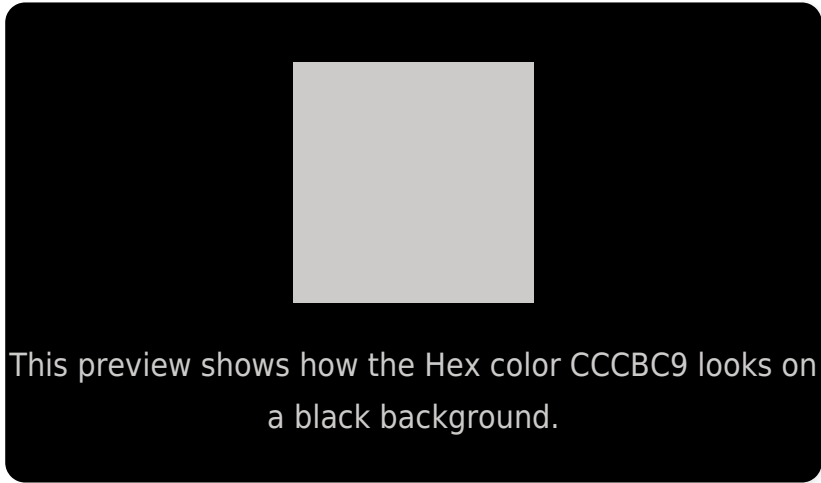
Large Text (above 18pt) WCAG AA × Fail

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

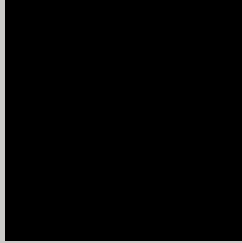
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

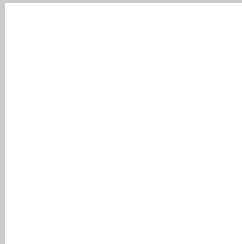
Any Text WCAG AAA ✓ Pass

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

## Hex CCCBC9 Background



This preview shows how black text looks on a background with the Hex color CCCBC9.



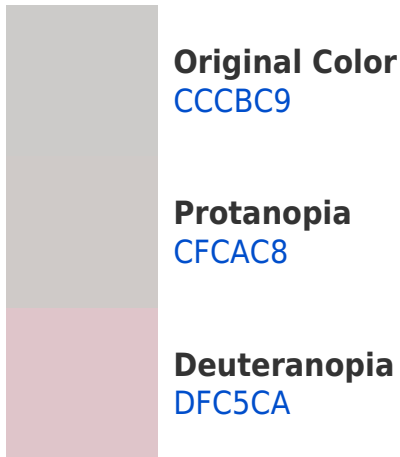
This preview shows how white text looks on a background with the Hex color CCCBC9.



# 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



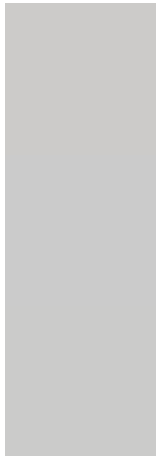
**Original Color**  
CCCBC9

**Protanomaly**  
CECAC8

**Deuteranomaly**  
D8C7CA

**Tritanomaly**  
CDCAD3

# Monochromacy



**Original Color**  
CCCBC9

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
CBCBCA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCCBC9 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 #CCBC9 looks like.

```
.text, #text, p{  
    color:#CCBC9  
}
```

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 #CCCBC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCCBC9
}
```

## Border

The CSS property to change the border of an element to Hex CCCBC9 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
#CCCBC9 }
```

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

```
.border{ border-color:#CCCBC9 }
```

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

Here you see how a box with a 4 pixel `#CCCBC9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCCBC9; -webkit-box-shadow:4px 4px  
4px 4px #CCCBC9; box-shadow:4px 4px 4px  
4px #CCCBC9 }
```

# Background

The CSS property to change the background color of an element to Hex CCCBC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCBC9 }
```

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

```
.background{ background-color:#CCBC9 }
```

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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