

# Converting Colors

Hex(CCC7C3)

Have a look what the booklet for  
Hex(CCC7C3) contains.

<b>Hex(CCC7C3)</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(CCC7C3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCC7C3
RGB	204, 199, 195
RGB Percent	80%, 78%, 76%
CMY	0.2000, 0.2196, 0.2353
CMYK	0.00, 0.02, 0.04, 0.20
HSL	27°, 8%, 78%
HSV	27°, 4%, 80%
XYZ	55.1756, 57.6243, 59.8443
YIQ	200.0390, 4.2640, -0.1840

# Conversions

## Conversions Part 2

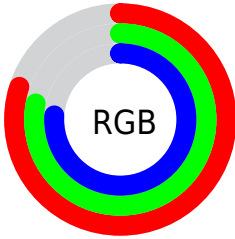
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	204, 202, 195
Decimal	13420483
CIE Lab	80.53, 1.02, 2.60
CIE LCh	81, 2.798, 68.530
Yxy	57.6243, 0.3196, 0.3338
Android (android.graphics.Color)	4291610563 (0xFFCCC7C3)
YUV	200.0390, -2.4842, 3.4738
Hunter-Lab	75.9107, -3.1012, 6.3961

# Details

The Hex color `CCC7C3` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `C3C8CC`, and the grayscale version is `C8C8C8`.

A 20% lighter version of the original color is `FFFFFFC`, and `96918D` is the 20% darker color. If you saturate the color by 10%, you get `CCBCAF`, and if you desaturate by 10%, it is `CCD2D7`.

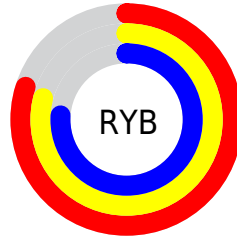
# Distribution



Red (80%)

Green (78%)

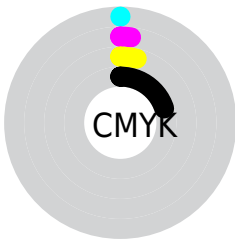
Blue (76%)



Red (80%)

Yellow (79%)

Blue (76%)

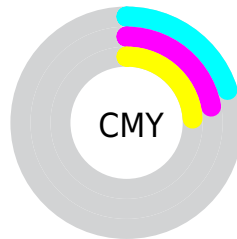


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCC7C3 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 CCC7C3 by changing the saturation by 10% instead.



■ CCC7C3

■ CCC7C3

FFFFFF

■ B1ACA8

FFFFFFC

■ 96918D

■ 7C7874

■ 635F5B

■ 4B4744

■ 35312E

■ 1F1C19

■ 060100

■ 000000

 CCC7C3

 CCC7C3

 CCBCAF

 CCD2D7

 CCB09A

 CCDEEC

 CCA586

 CCE9FF

 CC9A71

 CCF4FF

 CC8E5D

 CCFFFF

 CC8349

 CC7834

 CC6C20

 CC610B

# Harmonies

## Analogous

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



CEC6C5



CCC7C3



C9C8C3

# Triad

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



CCC7C3



C2C9C8



C9C7CC

# Complementary

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



CCC7C3



C3C8CC

# 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.



C6C8CD



CCC7C3



C2C9CB

# Square

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



CCC7C3



C4C9C6



C3C9CD



CCC6CA

# Rectangle

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



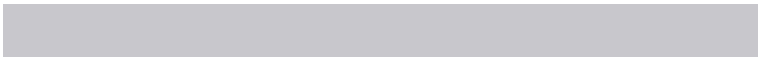
CCC7C3



C7C8C3



C3C9CD



C8C7CC



# Sweetspot

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



CCC7C3



FFFEFC



CCC3C8



807F7E



000000



808080

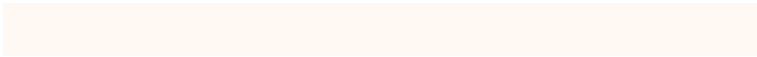


# Same Dimension

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



CCC7C3



FFF8F2



CCCBC3



666360



A64A00



261100

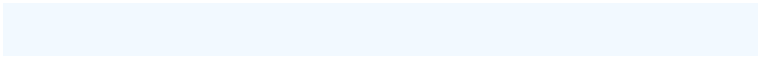


# Inverse Universe

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



C3C8CC



F2F9FF



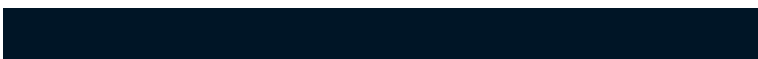
C3C4CC



606366



005CA6



001526



# Previews

## White Background



This preview shows how the Hex color CCC7C3 looks on a white background.

## Color Contrast Check

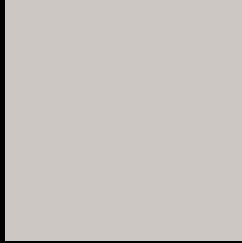
Large Text (above 18pt) WCAG AA × Fail

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 CCC7C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

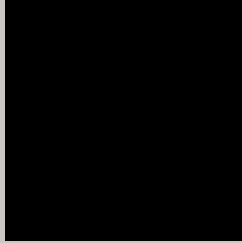
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

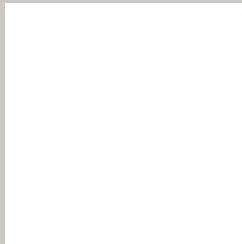
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCC7C3 Background



This preview shows how black text looks on a background with the Hex color CCC7C3.

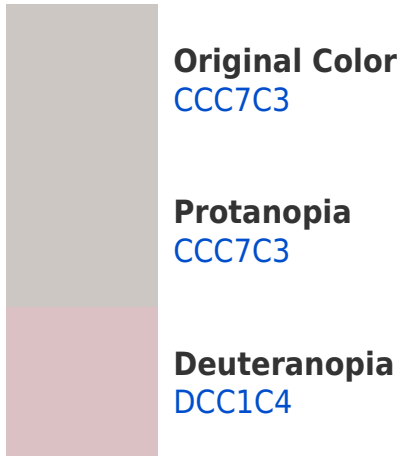


This preview shows how white text looks on a background with the Hex color CCC7C3.

# 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



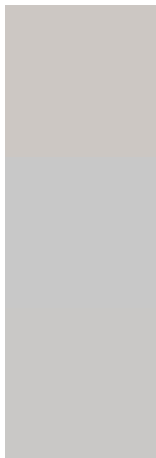
**Original Color**  
CCC7C3

**Protanomaly**  
CCC7C3

**Deuteranomaly**  
D6C3C4

**Tritanomaly**  
CDC5CE

# Monochromacy



**Original Color**  
CCC7C3

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C9C8C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCC7C3 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 #CCC7C3 looks like.

```
.text, #text, p{  
    color:#CCC7C3  
}
```

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 #CCC7C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC7C3
}
```

## Border

The CSS property to change the border of an element to Hex CCC7C3 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
#CCC7C3 }
```

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

```
.border{ border-color:#CCC7C3 }
```

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

Here you see how a box with a 4 pixel #CCC7C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC7C3; -webkit-box-shadow:4px 4px  
4px 4px #CCC7C3; box-shadow:4px 4px 4px  
4px #CCC7C3 }
```

# Background

The CSS property to change the background color of an element to Hex CCC7C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC7C3 }
```

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

```
.background{ background-color:#CCC7C3 }
```

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