

# Converting Colors

Hex(CAC8CB)

Have a look what the booklet for  
Hex(CAC8CB) contains.

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# **Color**

**Hex(CAC8CB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAC8CB
RGB	202, 200, 203
RGB Percent	79%, 78%, 80%
CMY	0.2078, 0.2157, 0.2039
CMYK	0.00, 0.01, 0.00, 0.20
HSL	280°, 3%, 79%
HSV	280°, 1%, 80%
XYZ	55.7909, 58.1769, 64.7887
YIQ	200.9400, 0.2290, 1.3570

# Conversions

## Conversions Part 2

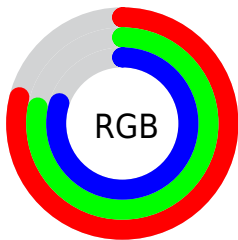
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 200, 203
Decimal	13289675
CIE Lab	80.84, 1.24, -1.26
CIE LCh	81, 1.769, 314.632
Yxy	58.1769, 0.3121, 0.3255
Android (android.graphics.Color)	4291479755 (0xFFCAC8CB)
YUV	200.9400, 1.0156, 0.9296
Hunter-Lab	76.2738, -2.9143, 3.0294

# Details

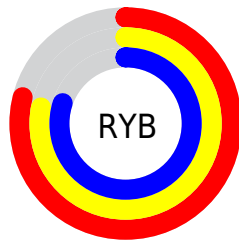
The Hex color **CAC8CB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C9CBC8**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFFF**, and **949295** is the 20% darker color. If you saturate the color by 10%, you get **C3B4CB**, and if you desaturate by 10%, it is **D1DCCB**.

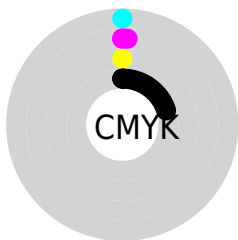
# Distribution



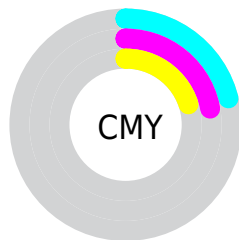
- Red (79%)
- Green (78%)
- Blue (80%)



- Red (79%)
- Yellow (78%)
- Blue (80%)



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



- Cyan (21%)
- Magenta (22%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAC8CB 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 CAC8CB by changing the saturation by 10% instead.



■ CAC8CB

FFFFFF

■ CAC8CB

■ AFADB0

■ 949295

■ 7A787B

■ 616062

■ 4A484B

■ 333234

■ 1E1D1F

■ 050206

■ 000000

 CAC8CB

 CAC8CB

 C3B4CB

 D1DCCB

 BC9FCB

 D8F1CB

 B68BCB

 DEFFCB

 AF77CB

 E5FFCB

 A863CB

 ECFFCB

 A14ECB

 F3FFCB

 9B3ACB

 F9FFCB

 9426CB

 FFFF CB

 8D11CB

# Harmonies

## Analogous

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



C8C9CC



CAC8CB



CCC8CA

# Triad

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



CAC8CB



CBC8C5



C5CAC9

# Complementary

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



CAC8CB



C9CBC8

# 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.



C6CAC8



CAC8CB



C9C9C5

# Square

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



CAC8CB



CCC8C6



C7C9C6



C5C9CB

# Rectangle

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



CAC8CB



CCC8C8



C7C9C6



C5CAC9



# Sweetspot

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



CAC8CB

FFFFFF



C8C9CB



808080



000000

# Same Dimension

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



CAC8CB



FDFAFF



CBC8CB



656466



6F00A6



1A0026



# Inverse Universe

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



CBC8C9



FFFAFC



C8CBC9



666465



A60037

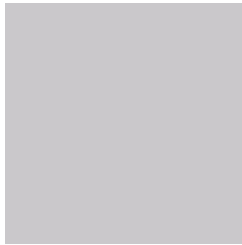


26000D



# Previews

## White Background



This preview shows how the Hex color CAC8CB looks on a white background.

## Color Contrast Check

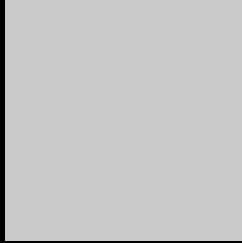
Large Text (above 18pt) WCAG AA × Fail

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 CAC8CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

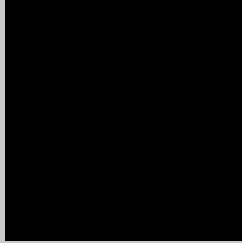
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

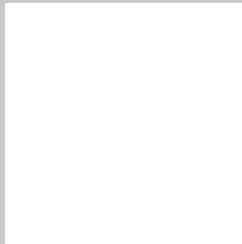
Any Text WCAG AAA ✓ Pass

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

## Hex CAC8CB Background



This preview shows how black text looks on a background with the Hex color CAC8CB.



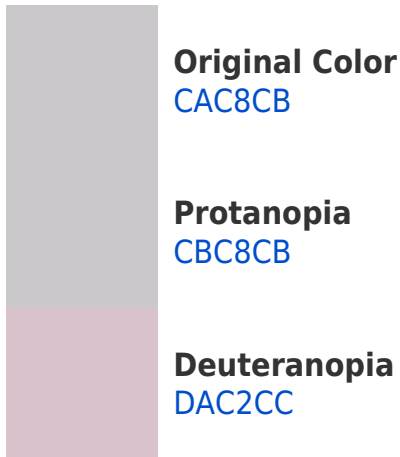
This preview shows how white text looks on a background with the Hex color CAC8CB.



# 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



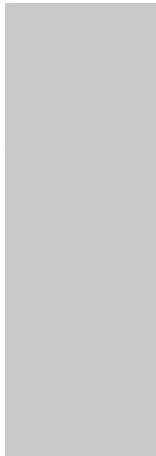
**Original Color**  
CAC8CB

**Protanomaly**  
CBC8CB

**Deuteranomaly**  
D4C4CC

**Tritanomaly**  
CBC7D2

# Monochromacy



**Original Color**  
CAC8CB

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
C9C9CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAC8CB 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 #CAC8CB looks like.

```
.text, #text, p{  
    color:#CAC8CB  
}
```

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 #CAC8CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC8CB  
}
```

## Border

The CSS property to change the border of an element to Hex CAC8CB 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  
#CAC8CB }
```

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

```
.border{ border-color:#CAC8CB }
```

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

Here you see how a box with a 4 pixel #CAC8CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC8CB; -webkit-box-shadow:4px 4px  
4px 4px #CAC8CB; box-shadow:4px 4px 4px  
4px #CAC8CB }
```

# Background

The CSS property to change the background color of an element to Hex CAC8CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC8CB }
```

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

```
.background{ background-color:#CAC8CB }
```

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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