

# Converting Colors

Hex(CE9ACB)

Have a look what the booklet for  
Hex(CE9ACB) contains.

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# **Color**

**Hex(CE9ACB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE9ACB
RGB	206, 154, 203
RGB Percent	81%, 60%, 80%
CMY	0.1922, 0.3961, 0.2039
CMYK	0.00, 0.25, 0.01, 0.19
HSL	303°, 35%, 71%
HSV	303°, 25%, 81%
XYZ	47.7887, 40.5448, 61.8071
YIQ	175.1340, 15.2630, 26.2630

# Conversions

## Conversions Part 2

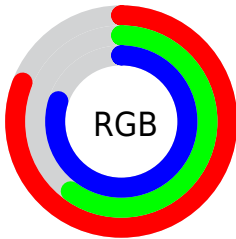
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">206, 154, 203</a>
Decimal	<a href="#">13540043</a>
CIELab	<a href="#">69.86, 27.52, -17.57</a>
CIElCh	<a href="#">70, 32.650, 327.441</a>
Yxy	<a href="#">40.5448, 0.3183, 0.2700</a>
Android (android.graphics.Color)	<a href="#">4291730123 (0xFFCE9ACB)</a>
YUV	<a href="#">175.1340, 13.7379, 27.0695</a>
Hunter-Lab	<a href="#">63.6748, 22.5354, -12.9785</a>

# Details

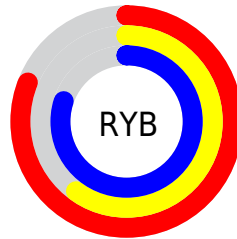
The Hex color **CE9ACB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9ACE9D**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD1FF**, and **976695** is the 20% darker color. If you saturate the color by 10%, you get **CE85CA**, and if you desaturate by 10%, it is **CEAFCC**.

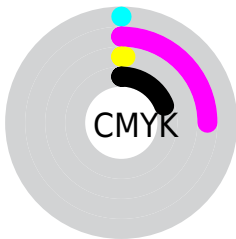
# Distribution



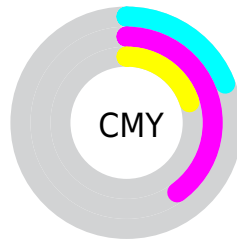
- Red (81%)
- Green (60%)
- Blue (80%)



- Red (81%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (40%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE9ACB 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 CE9ACB by changing the saturation by 10% instead.



 CE9ACB

 CE9ACB

FFFFFF

 B280B0

 FFD1FF

 976695

 FFEDFF

 7D4E7B

 633662

 4A1F4A

 330833

 21001F

 000000

 CE9ACB

 CE9ACB

 CE85CA

 CEAFFC

 CE71C9

 CEC3CD

 CE5CC7

 CED8CF

 CE48C6

 CEECD0

 CE33C5

 CEFFD1

 CE1EC4

 CEFFD2

 CE0AC3

 CEFFD3

 CE00C2

 CEFFD5

 CEFFD6

# Harmonies

## Analogous

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



ABA4DF



CE9ACB



E295AE

# Triad

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



CE9ACB



C1A86F



45BAC5

# Complementary

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



CE9ACB



9ACE9D

# 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.



5DBBA7



CE9ACB



A3B175

# Square

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



CE9ACB



D99E7A



80B88A



54B6DC

# Rectangle

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



CE9ACB



E6959A



80B88A



4ABBBB



# Sweetspot

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



CE9ACB



FFEBFE



9D9ACE



80737F



000000



808080



# Same Dimension

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



CE9ACB



FFB3FB



CE9AB1



665C65



A6009C



260024



# Inverse Universe

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



CE9ACB



FFB3FB



9ACEB7



665C65



A6009C

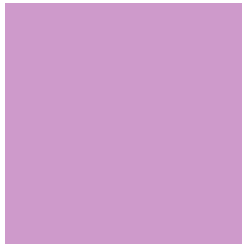


260024



# Previews

## White Background



This preview shows how the Hex color CE9ACB looks on a white background.

## Color Contrast Check

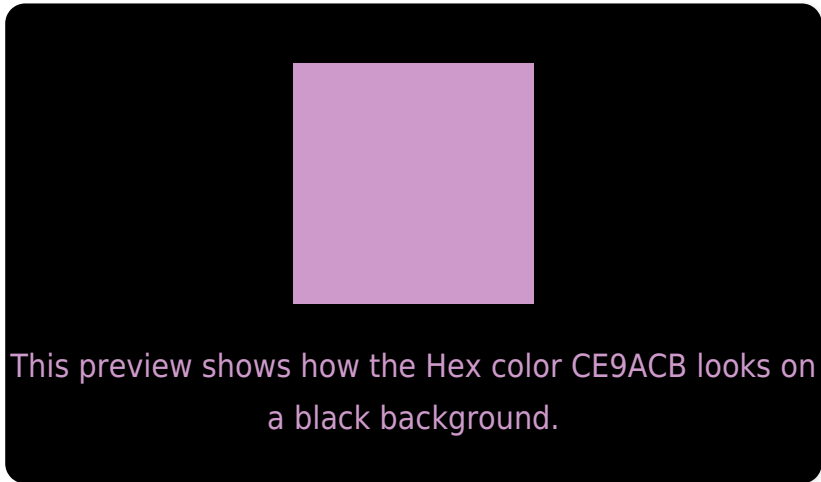
Large Text (above 18pt) WCAG AA × Fail

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

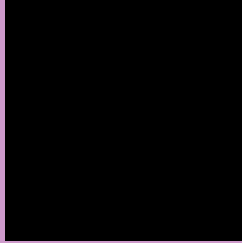
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CE9ACB Background



This preview shows how black text looks on a background with the Hex color CE9ACB.

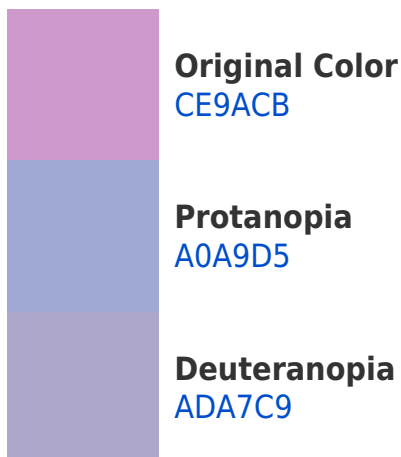


This preview shows how white text looks on a background with the Hex color CE9ACB.

# 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**  
CE9ACB



**Protanomaly**  
B1A4D1



**Deuteranomaly**  
B9A2CA



**Tritanomaly**  
CB9EB7

# Monochromacy



**Original Color**  
CE9ACB



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
BAA7B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE9ACB 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 #CE9ACB looks like.

```
.text, #text, p{  
    color:#CE9ACB  
}
```

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 #CE9ACB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9ACB
}
```

## Border

The CSS property to change the border of an element to Hex CE9ACB is called "border". The border property can be set on classes, ids or directly on the HTML element.

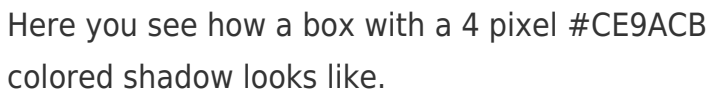
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE9ACB }
```

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

```
.border{ border-color:#CE9ACB }
```

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



Here you see how a box with a 4 pixel `#CE9ACB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9ACB; -webkit-box-shadow:4px 4px  
4px 4px #CE9ACB; box-shadow:4px 4px 4px  
4px #CE9ACB }
```

# Background

The CSS property to change the background color of an element to Hex CE9ACB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9ACB }
```

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

```
.background{ background-color:#CE9ACB }
```

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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