

# Converting Colors

Hex(CE87C0)

Have a look what the booklet for  
Hex(CE87C0) contains.

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# Color

**Hex(CE87C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE87C0
RGB	206, 135, 192
RGB Percent	81%, 53%, 75%
CMY	0.1922, 0.4706, 0.2471
CMYK	0.00, 0.34, 0.07, 0.19
HSL	312°, 42%, 67%
HSV	312°, 34%, 81%
XYZ	43.6320, 34.2555, 54.1815
YIQ	162.7270, 24.0190, 32.7790

# Conversions

## Conversions Part 2

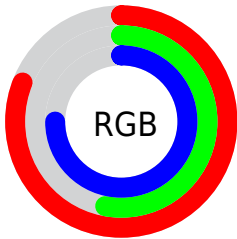
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 135, 192
Decimal	13535168
CIE Lab	65.16, 35.86, -18.55
CIE LCh	65, 40.372, 332.651
Yxy	34.2555, 0.3304, 0.2594
Android (android.graphics.Color)	4291725248 (0xFFCE87C0)
YUV	162.7270, 14.4316, 37.9504
Hunter-Lab	58.5282, 30.6449, -13.9169

# Details

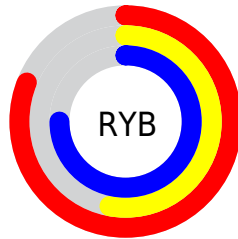
The Hex color **CE87C0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **87CE95**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBDF8**, and **97548A** is the 20% darker color. If you saturate the color by 10%, you get **CE72BC**, and if you desaturate by 10%, it is **CE9CC4**.

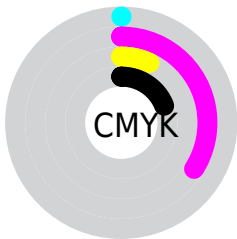
# Distribution



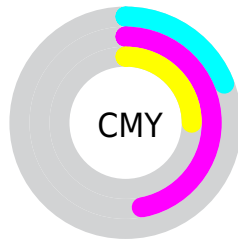
- Red (81%)
- Green (53%)
- Blue (75%)



- Red (81%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (19%)



- Cyan (19%)
- Magenta (47%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE87C0 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 CE87C0 by changing the saturation by 10% instead.



 CE87C0

 CE87C0

FFFFFF

 B26DA5

 FFBDF8

 97548A

 FFD9FF

 7C3B71

 FFF6FF

 622258

 490741

 31002B

 170015

 000000

 CE87C0

 CE87C0

 CE72BC

 CE9CC4

 CE5EB8

 CEB0C8

 CE49B4

 CEC5CC

 CE35B0

 CED9D0

 CE20AC

 CEEED4

 CE0BA8

 CEFFD8

 CE00A5

 CEFFDC

 CEFFE0

 CEFFE5

# Harmonies

## Analogous

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



A694DB



CE87C0



E2819C

# Triad

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



CE87C0



B29D55



00B0C4

# Complementary

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



CE87C0



87CE95

# 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.



1AB1A0



CE87C0



8CA860

# Square

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



CE87C0



D0905F



5FAE7C



02ABDE

# Rectangle

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



CE87C0



E48384



5FAE7C



00B1B9



# Sweetspot

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



CE87C0



FFE6FA



9487CE



80707C



000000



808080



# Same Dimension

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



CE87C0



FF96EA



CE879D



665C64



A60085



26001F



# Inverse Universe

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



CE87C0



FF96EA



87CEB8



665C64



A60085

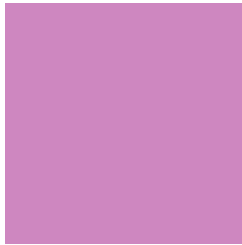


26001F



# Previews

## White Background



This preview shows how the Hex color CE87C0 looks on a white background.

## Color Contrast Check

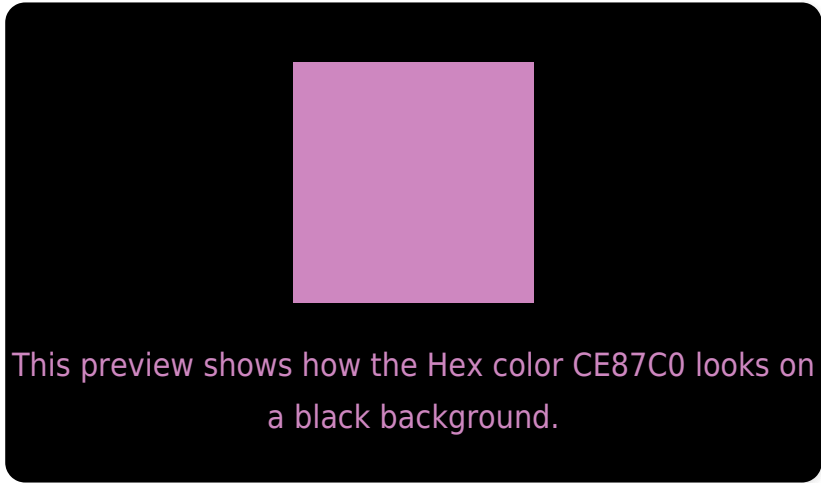
Large Text (above 18pt) WCAG AA × Fail

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

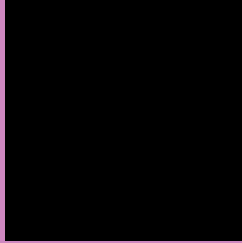
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CE87C0 Background



This preview shows how black text looks on a background with the Hex color CE87C0.

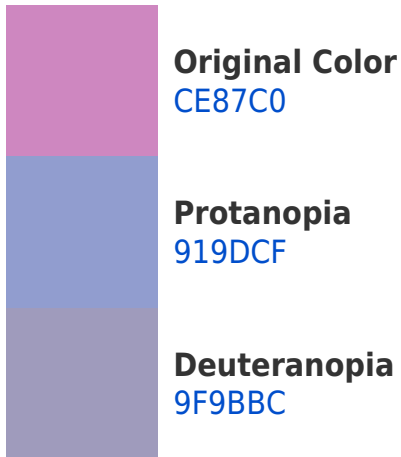


This preview shows how white text looks on a background with the Hex color CE87C0.

# 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](#).

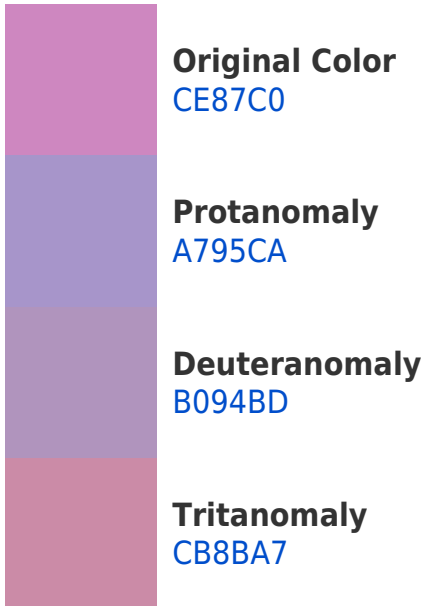
## Dichromacy



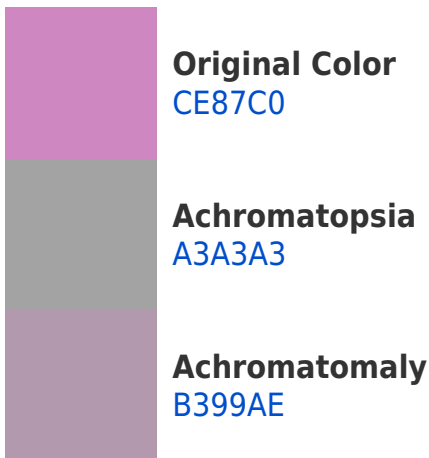


**Tritanopia**  
C98E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE87C0 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 #CE87C0 looks like.

```
.text, #text, p{  
    color:#CE87C0  
}
```

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 #CE87C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE87C0
}
```

## Border

The CSS property to change the border of an element to Hex CE87C0 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
#CE87C0 }
```

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

```
.border{ border-color:#CE87C0 }
```

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

Here you see how a box with a 4 pixel #CE87C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE87C0; -webkit-box-shadow:4px 4px  
4px 4px #CE87C0; box-shadow:4px 4px 4px  
4px #CE87C0 }
```

# Background

The CSS property to change the background color of an element to Hex CE87C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE87C0 }
```

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

```
.background{ background-color:#CE87C0 }
```

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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