

# Converting Colors

Hex(CEC9EC)

Have a look what the booklet for  
Hex(CEC9EC) contains.

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# **Color**

**Hex(CEC9EC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEC9EC
RGB	206, 201, 236
RGB Percent	81%, 79%, 93%
CMY	0.1922, 0.2118, 0.0745
CMYK	0.13, 0.15, 0.00, 0.07
HSL	249°, 48%, 86%
HSV	249°, 15%, 93%
XYZ	61.4806, 60.9512, 87.8813
YIQ	206.4850, -8.2550, 11.9450

# Conversions

## Conversions Part 2

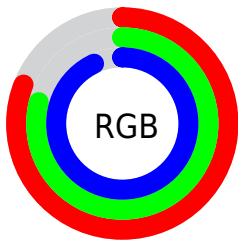
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 201, 236
Decimal	13552108
CIE Lab	82.35, 8.48, -16.64
CIE LCh	82, 18.677, 297.017
Yxy	60.9512, 0.2923, 0.2898
Android (android.graphics.Color)	4291742188 (0xFFCEC9EC)
YUV	206.4850, 14.5509, -0.4253
Hunter-Lab	78.0713, 3.9428, -12.0902

# Details

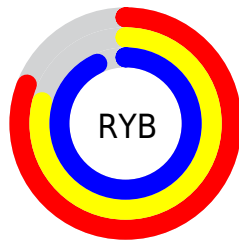
The Hex color **CEC9EC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7ECC9**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **FFFFFF**, and **9893B4** is the 20% darker color. If you saturate the color by 10%, you get **BAB1EC**, and if you desaturate by 10%, it is **E2E1EC**.

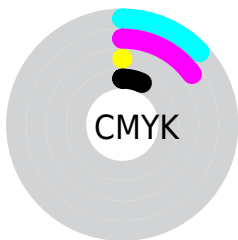
# Distribution



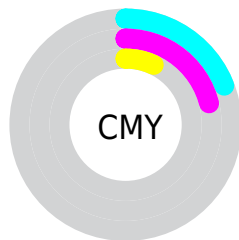
- Red (81%)
- Green (79%)
- Blue (93%)



- Red (81%)
- Yellow (79%)
- Blue (93%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (21%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEC9EC 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 CEC9EC by changing the saturation by 10% instead.



■ CEC9EC

FFFFFF

■ CEC9EC

■ B2AED0

■ 9893B4

■ 7D7999

■ 64617F

■ 4C4966

■ 35324E

■ 1F1D37

■ 0A0422

■ 000008

 CEC9EC

 CEC9EC

 BAB1EC

 E2E1EC

 A69AEC

 F6F8EC

 9182EC

 FFF FEC

 7D6BEC

 6953EC

 553BEC

 4024EC

 2C0CEC

 2200EC

# Harmonies

## Analogous

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



B7CFEF



CEC9EC



E2C4E0

# Triad

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



CEC9EC



EBC5B0



A5D7CA

# Complementary

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



CEC9EC



E7ECC9

# 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.



B6D5B9



CEC9EC



DDCBAA

# Square

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



CEC9EC



F2C2BE



C9D1AE



9FD7DC

# Rectangle

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



CEC9EC



ECC1D5



C9D1AE



AAD7C4



# Sweetspot

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



CEC9EC



F6F5FF



C9E7EC



7A7980



000000



808080



# Same Dimension

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



CEC9EC



D8D1FF



DFC9EC



6B6A75



1A00B5



080036



# Inverse Universe

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



ECC9E7



FFD1F8



D6ECC9



756A74



B5009B

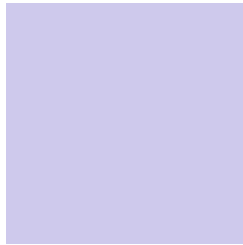


36002E



# Previews

## White Background



This preview shows how the Hex color CEC9EC looks on a white background.

## Color Contrast Check

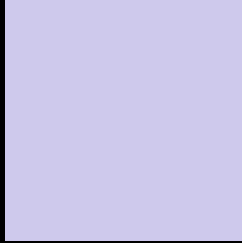
Large Text (above 18pt) WCAG AA × Fail

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 CEC9EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

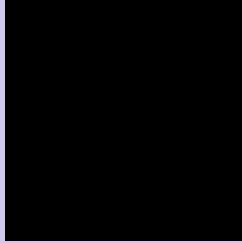
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CEC9EC Background



This preview shows how black text looks on a background with the Hex color CEC9EC.



This preview shows how white text looks on a background with the Hex color CEC9EC.

# 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



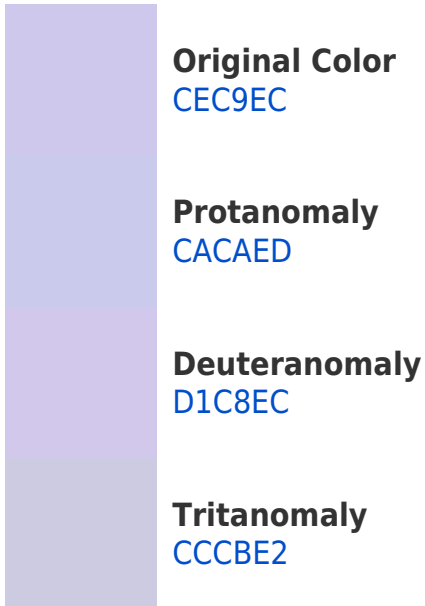
**Original Color**  
CEC9EC

**Protanopia**  
C7CBED

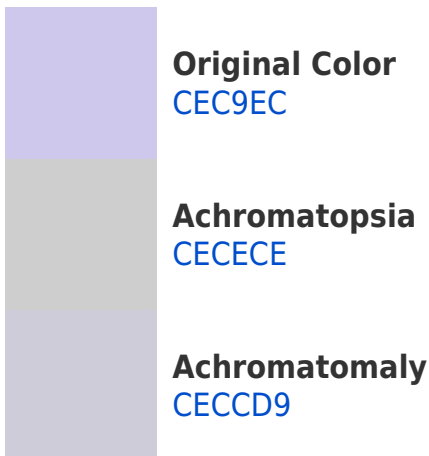
**Deuteranopia**  
D2C8EC



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEC9EC 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 #CEC9EC looks like.

```
.text, #text, p{  
    color:#CEC9EC  
}
```

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 #CEC9EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC9EC  
}
```

## Border

The CSS property to change the border of an element to Hex CEC9EC 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  
#CEC9EC }
```

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

```
.border{ border-color:#CEC9EC }
```

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

Here you see how a box with a 4 pixel #CEC9EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC9EC; -webkit-box-shadow:4px 4px  
4px 4px #CEC9EC; box-shadow:4px 4px 4px  
4px #CEC9EC }
```

# Background

The CSS property to change the background color of an element to Hex CEC9EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC9EC }
```

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

```
.background{ background-color:#CEC9EC }
```

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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