

# Converting Colors

Hex(E7C5CF)

Have a look what the booklet for  
Hex(E7C5CF) contains.

<b>Hex(E7C5CF)</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(E7C5CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7C5CF
RGB	231, 197, 207
RGB Percent	91%, 77%, 81%
CMY	0.0941, 0.2275, 0.1882
CMYK	0.00, 0.15, 0.10, 0.09
HSL	342°, 41%, 84%
HSV	342°, 15%, 91%
XYZ	64.1837, 61.4264, 67.5051
YIQ	208.3060, 17.0540, 10.3180

# Conversions

## Conversions Part 2

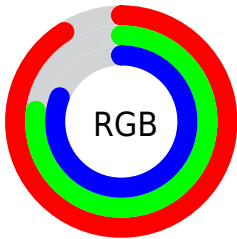
Format	Color
R <sub>Y</sub> B	231, 197, 207
Decimal	15189455
CIE Lab	82.61, 13.63, -0.53
CIE LCh	83, 13.642, 357.792
Yxy	61.4264, 0.3324, 0.3181
Android (android.graphics.Color)	4293379535 (0xFFE7C5CF)
YUV	208.3060, -0.6439, 19.9026
Hunter-Lab	78.3750, 9.0229, 3.7955

# Details

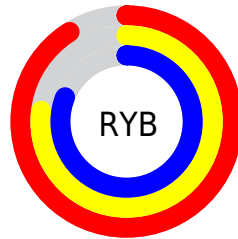
The Hex color **E7C5CF** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **C5E7DD**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFEFF**, and **AF8F99** is the 20% darker color. If you saturate the color by 10%, you get **E7AEBF**, and if you desaturate by 10%, it is **E7DCDF**.

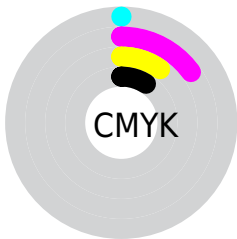
# Distribution



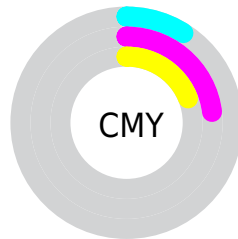
- Red (91%)
- Green (77%)
- Blue (81%)



- Red (91%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7C5CF 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 E7C5CF by changing the saturation by 10% instead.



 E7C5CF

 E7C5CF

FFFFFF

 CBAAB3

FFFEFF

 AF8F99

 94757F

 7A5D66

 61454E

 492E37

 321922

 1F000B

 000000

 E7C5CF

 E7C5CF

 E7AEBF

 E7DCDF

 E797AE

 E7F3F0

 E7809E

 E7FFFF

 E7698E

 E7527D

 E73A6D

 E7235D

 E70C4D

 E70044

# Harmonies

## Analogous

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



DEC7DB



E7C5CF



E9C6C2

# Triad

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



E7C5CF



CBD0B7



B2D3E3

# Complementary

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



E7C5CF



C5E7DD

# 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.



ADD5D9



E7C5CF



BCD4C0

# Square

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



E7C5CF



D9CCB4



B1D5CC



BFCFE7

# Rectangle

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



E7C5CF



E7C7BB



B1D5CC



B0D4E0



# Sweetspot

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



E7C5CF



FFF5F8



DDC5E7



80797B



000000



808080



# Same Dimension

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



E7C5CF



FFD1DF



E7CCC5



73676B



B30034



33000F



# Inverse Universe

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



E7C5CF



FFD1DF



C5E0E7



73676B



B30035

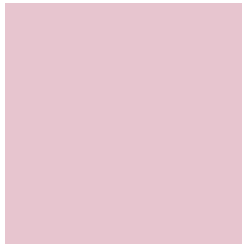


33000F



# Previews

## White Background



This preview shows how the Hex color E7C5CF looks on a white background.

## Color Contrast Check

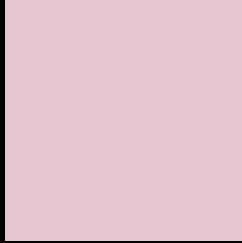
Large Text (above 18pt) WCAG AA × Fail

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 E7C5CF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

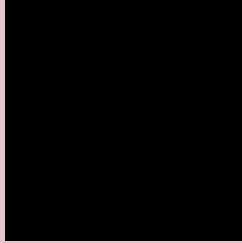
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7C5CF Background



This preview shows how black text looks on a background with the Hex color E7C5CF.

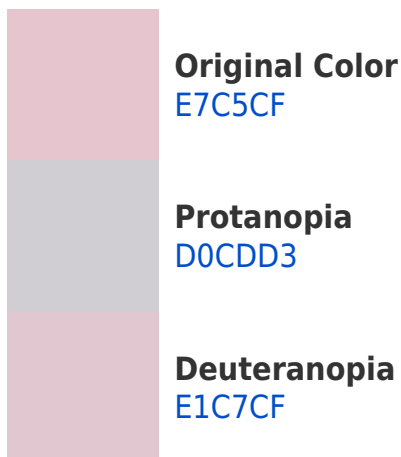


This preview shows how white text looks on a background with the Hex color E7C5CF.

# 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**  
E8C4D4

# Trichromacy



**Original Color**  
E7C5CF

**Protanomaly**  
D8CAD2

**Deuteranomaly**  
E3C6CF

**Tritanomaly**  
E8C4D2

# Monochromacy



**Original Color**  
E7C5CF

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
D8CCD0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7C5CF 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 #E7C5CF looks like.

```
.text, #text, p{  
    color:#E7C5CF  
}
```

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 #E7C5CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7C5CF
}
```

## Border

The CSS property to change the border of an element to Hex E7C5CF 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
#E7C5CF }
```

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

```
.border{ border-color:#E7C5CF }
```

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

Here you see how a box with a 4 pixel #E7C5CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7C5CF; -webkit-box-shadow:4px 4px  
4px 4px #E7C5CF; box-shadow:4px 4px 4px  
4px #E7C5CF }
```

# Background

The CSS property to change the background color of an element to Hex E7C5CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7C5CF }
```

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

```
.background{ background-color:#E7C5CF }
```

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