

# Converting Colors

Hex(ECC7CE)

Have a look what the booklet for  
Hex(ECC7CE) contains.

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# **Color**

**Hex(ECC7CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECC7CE
RGB	236, 199, 206
RGB Percent	93%, 78%, 81%
CMY	0.0745, 0.2196, 0.1922
CMYK	0.00, 0.16, 0.13, 0.07
HSL	349°, 49%, 85%
HSV	349°, 16%, 93%
XYZ	66.1561, 63.1359, 67.0922
YIQ	210.8610, 19.8050, 10.0210

# Conversions

## Conversions Part 2

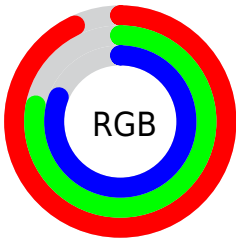
Format	Color
R <sub>Y</sub> B	236, 199, 206
Decimal	15517646
CIE Lab	83.51, 14.17, 1.39
CIE LCh	84, 14.241, 5.584
Yxy	63.1359, 0.3369, 0.3215
Android (android.graphics.Color)	4293707726 (0xFFECC7CE)
YUV	210.8610, -2.3965, 22.0469
Hunter-Lab	79.4581, 9.5656, 5.5579

# Details

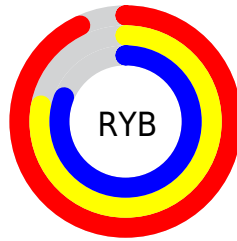
The Hex color **ECC7CE** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **C7ECE5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **B49198** is the 20% darker color. If you saturate the color by 10%, you get **ECAFBB**, and if you desaturate by 10%, it is **ECDFE1**.

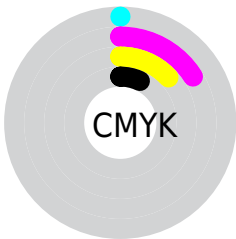
# Distribution



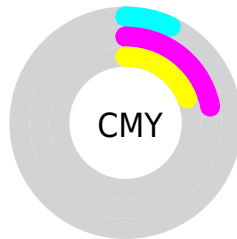
- Red (93%)
- Green (78%)
- Blue (81%)



- Red (93%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECC7CE 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 ECC7CE by changing the saturation by 10% instead.



 ECC7CE

 ECC7CE

FFFFFF

 D0ACB3

 B49198

 99777E

 7F5E65

 65474D

 4D3036

 351B21

 21020A

 000000

 ECC7CE

 ECC7CE

 ECAFBB

 ECDFE1

 EC98A8

 ECF6F4

 EC8095

 ECFFFF

 EC6981

 EC516E

 EC395B

 EC2248

 EC0A35

 EC002D

# Harmonies

## Analogous

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



E4C8DB



ECC7CE



ECC8C1

# Triad

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



ECC7CE



C9D4BA



B6D5E8

# Complementary

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



ECC7CE



C7ECE5

# 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.



AED7DF



ECC7CE



BBD7C5

# Square

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



ECC7CE



D9D0B6



B0D8D2



C5D0EB

# Rectangle

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



ECC7CE



E8CABA



B0D8D2



B3D6E6

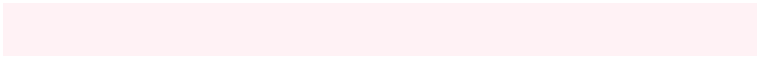


# Sweetspot

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



ECC7CE



FFF2F5



E5C7EC



807879



000000



808080



# Same Dimension

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



ECC7CE



FFCFD8



ECD2C7



756A6C



B50022



36000A



# Inverse Universe

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



ECC7CE



FFCFD8



C7E1EC



756A6C



B50022

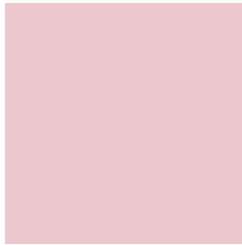


36000A



# Previews

## White Background



This preview shows how the Hex color ECC7CE looks on a white background.

## Color Contrast Check

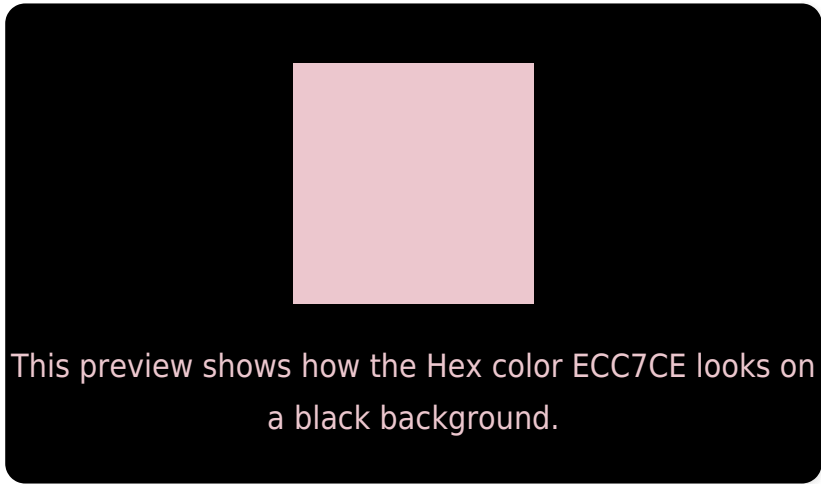
Large Text (above 18pt) WCAG AA × Fail

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 ECC7CE Background



This preview shows how black text looks on a background with the Hex color ECC7CE.

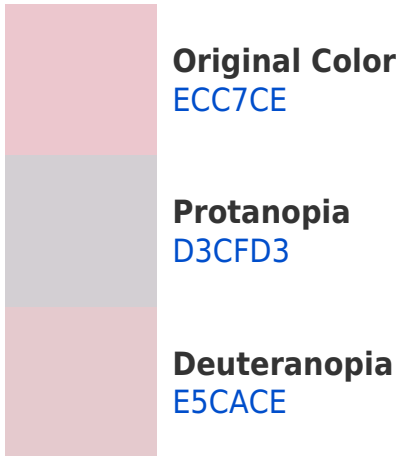


This preview shows how white text looks on a background with the Hex color ECC7CE.

# Color Blindness Simulation

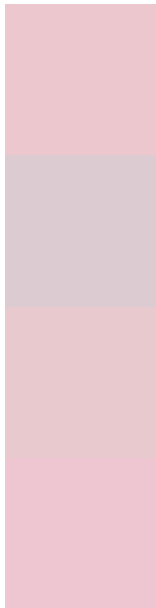
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
ECC7CE

**Protanomaly**  
DCCCD1

**Deuteranomaly**  
E8C9CE

**Tritanomaly**  
EDC6D2

# Monochromacy



**Original Color**  
ECC7CE

**Achromatopsia**  
D3D3D3

**Achromatomaly**  
DCCFD1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECC7CE 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 #ECC7CE looks like.

```
.text, #text, p{  
    color:#ECC7CE  
}
```

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 #ECC7CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECC7CE }  
}
```

## Border

The CSS property to change the border of an element to Hex ECC7CE 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 #ECC7CE }  
}
```

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

```
.border{ border-color:#ECC7CE }
```

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

Here you see how a box with a 4 pixel #ECC7CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECC7CE; -webkit-box-shadow:4px 4px  
4px 4px #ECC7CE; box-shadow:4px 4px 4px  
4px #ECC7CE }
```

# Background

The CSS property to change the background color of an element to Hex ECC7CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECC7CE }
```

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

```
.background{ background-color:#ECC7CE }
```

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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