

# Converting Colors

Hex(E7CCE3)

Have a look what the booklet for  
Hex(E7CCE3) contains.

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# **Color**

**Hex(E7CCE3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E7CCE3
RGB	231, 204, 227
RGB Percent	91%, 80%, 89%
CMY	0.0941, 0.2000, 0.1098
CMYK	0.00, 0.12, 0.02, 0.09
HSL	309°, 36%, 85%
HSV	309°, 12%, 91%
XYZ	68.4130, 65.7207, 81.7527
YIQ	214.6950, 8.7090, 12.8770

# Conversions

## Conversions Part 2

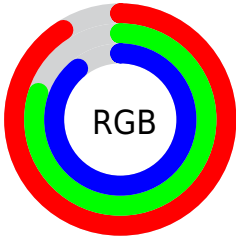
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	231, 204, 227
Decimal	15191267
CIE Lab	84.85, 13.38, -7.89
CIE LCh	85, 15.535, 329.463
Yxy	65.7207, 0.3169, 0.3044
Android (android.graphics.Color)	4293381347 (0xFFE7CCE3)
YUV	214.6950, 6.0664, 14.2995
Hunter-Lab	81.0683, 8.7654, -3.0427

# Details

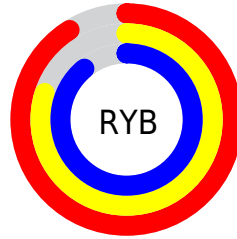
The Hex color **E7CCE3** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **CCE7D0**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **AF96AC** is the 20% darker color. If you saturate the color by 10%, you get **E7B5E0**, and if you desaturate by 10%, it is **E7E3E6**.

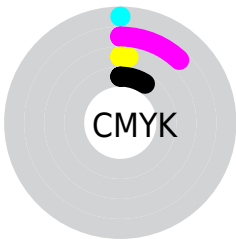
# Distribution



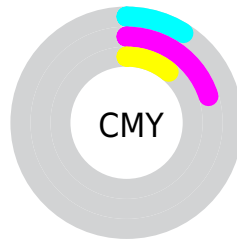
- Red (91%)
- Green (80%)
- Blue (89%)



- Red (91%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7CCE3 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 E7CCE3 by changing the saturation by 10% instead.



 E7CCE3

FFFFFF

 E7CCE3

 CBB1C7

 AF96AC

 957C91

 7B6377

 624B5F

 4A3447

 331F31

 1E081C

 000000

 E7CCE3

 E7CCE3

 E7B5E0

 E7E3E6

 E79EDC

 E7FAEA

 E787D9

 E7FFED

 E770D5

 E7FFF1

 E759D2

 E7FFF4

 E741CE

 E7FFF8

 E72ACB

 E7FFFB

 E713C8

 E7FFFE

 E700C5

 E7FFFF

# Harmonies

## Analogous

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



D6D0ED



E7CCE3



F1CAD5

# Triad

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



E7CCE3



E0D3B7



AEDCE2

# Complementary

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



E7CCE3



CCE7D0

# 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.



B3DDD3



E7CCE3



D0D7BA

# Square

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



E7CCE3



EDCEBB



BFDBC5



B5D9ED

# Rectangle

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



E7CCE3



F3CACB



BFDBC5



AFDCDD



# Sweetspot

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



E7CCE3



FFF5FD



D0CCE7



80797F



000000



808080



# Same Dimension

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



E7CCE3



FFDBFA



E7CCD6



736771



B30098



33002B



# Inverse Universe

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



E7CCE3



FFDBFA



CCE7DD



736771



B30098

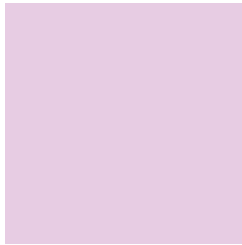


33002B



# Previews

## White Background



This preview shows how the Hex color E7CCE3 looks on a white background.

## Color Contrast Check

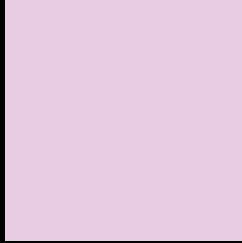
Large Text (above 18pt) WCAG AA × Fail

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 E7CCE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

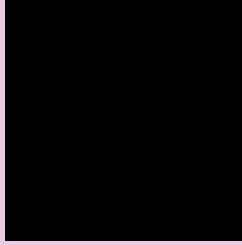
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7CCE3 Background



This preview shows how black text looks on a background with the Hex color E7CCE3.

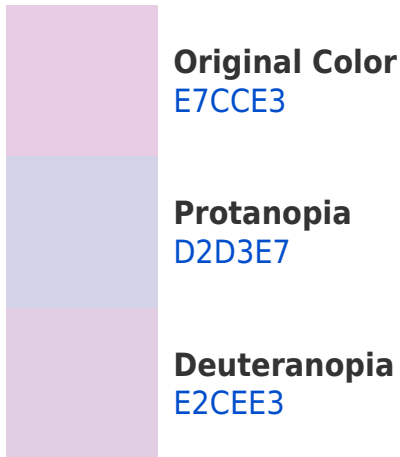


This preview shows how white text looks on a background with the Hex color E7CCE3.

# 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**  
E6CDDD

# Trichromacy



**Original Color**  
E7CCE3

**Protanomaly**  
DAD0E6

**Deuteranomaly**  
E4CDE3

**Tritanomaly**  
E6CDDF

# Monochromacy



**Original Color**  
E7CCE3

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
DDD3DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7CCE3 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 #E7CCE3 looks like.

```
.text, #text, p{  
    color:#E7CCE3  
}
```

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 #E7CCE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7CCE3
}
```

## Border

The CSS property to change the border of an element to Hex E7CCE3 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
#E7CCE3 }
```

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

```
.border{ border-color:#E7CCE3 }
```

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

Here you see how a box with a 4 pixel #E7CCE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7CCE3; -webkit-box-shadow:4px 4px  
4px 4px #E7CCE3; box-shadow:4px 4px 4px  
4px #E7CCE3 }
```

# Background

The CSS property to change the background color of an element to Hex E7CCE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7CCE3 }
```

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

```
.background{ background-color:#E7CCE3 }
```

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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