

# Converting Colors

Hex(E7CEB3)

Have a look what the booklet for  
Hex(E7CEB3) contains.

<b>Hex(E7CEB3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E7CEB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7CEB3
RGB	231, 206, 179
RGB Percent	91%, 81%, 70%
CMY	0.0941, 0.1922, 0.2980
CMYK	0.00, 0.11, 0.23, 0.09
HSL	31°, 52%, 80%
HSV	31°, 23%, 91%
XYZ	63.1630, 64.3862, 51.7466
YIQ	210.3970, 23.5670, -3.0970

# Conversions

## Conversions Part 2

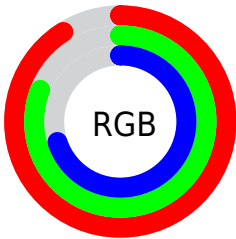
Format	Color
R <sub>Y</sub> B	227, 231, 179
Decimal	15191731
CIE Lab	84.17, 4.57, 16.62
CIE LCh	84, 17.242, 74.615
Yxy	64.3862, 0.3523, 0.3591
Android (android.graphics.Color)	4293381811 (0xFFE7CEB3)
YUV	210.3970, -15.4787, 18.0688
Hunter-Lab	80.2410, 0.0873, 17.9332

# Details

The Hex color **E7CEB3** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **B3CCE7**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFEB**, and **AF987E** is the 20% darker color. If you saturate the color by 10%, you get **E7C39C**, and if you desaturate by 10%, it is **E7D9CA**.

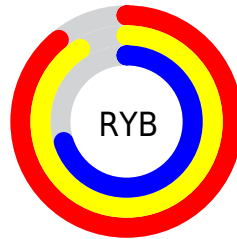
# Distribution



Red (91%)

Green (81%)

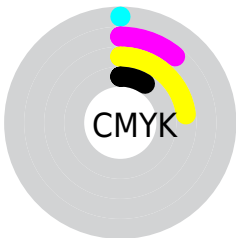
Blue (70%)



Red (89%)

Yellow (91%)

Blue (70%)

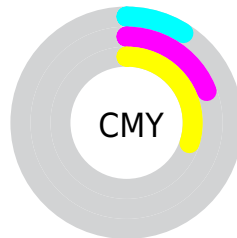


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (9%)



Cyan (9%)

Magenta (19%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7CEB3 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 E7CEB3 by changing the saturation by 10% instead.



 E7CEB3

FFFFFF

 FFFFEB

 E7CEB3

 CBB398

 AF987E

 947E65

 7A654D

 604D36

 483621

 31210B

 1B0B00

 000000

 E7CEB3

 E7CEB3

 E7C39C

 E7D9CA

 E7B885

 E7E4E1

 E7AD6E

 E7EFF8

 E7A257

 E7FAFF

 E7963F

 E7FFFF

 E78B28

 E78011

 E77800

# Harmonies

## Analogous

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



F2C9BC



E7CEB3



D7D3B3

# Triad

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



E7CEB3



A9DCD9



DFCBE9

# Complementary

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



E7CEB3



B3CCE7

# 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.



CAD1F1



E7CEB3



AADAE8

# Square

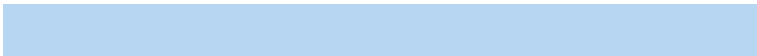
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E7CEB3



B3DBC9



B6D6F1



EEC8DB

# Rectangle

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



E7CEB3



CAD7B7



B6D6F1



D8CEDE



# Sweetspot

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



E7CEB3



FFF6ED



E7B3CC



807B75



000000



808080



# Same Dimension

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



E7CEB3



FFDEBA



E6E7B3



736D67



B35D00



331A00

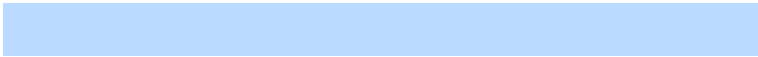


# Inverse Universe

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



B3CCE7



BADBFF



B4B3E7



676D73



0056B3

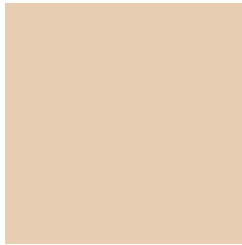


001933



# Previews

## White Background



This preview shows how the Hex color E7CEB3 looks on a white background.

## Color Contrast Check

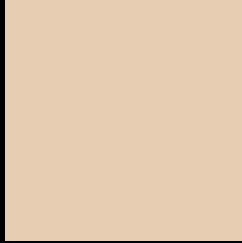
Large Text (above 18pt) WCAG AA × Fail

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 E7CEB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

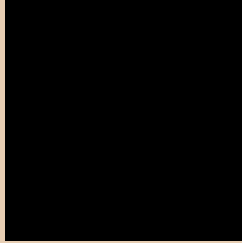
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E7CEB3 Background



This preview shows how black text looks on a background with the Hex color E7CEB3.

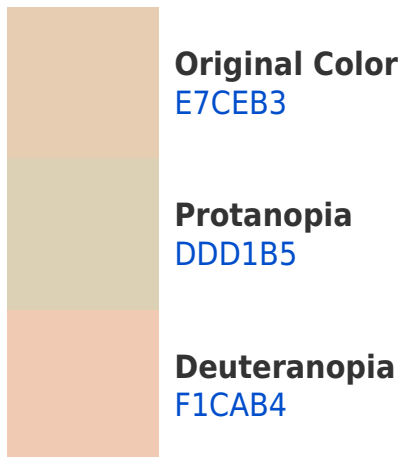


This preview shows how white text looks on a background with the Hex color E7CEB3.

# 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](#).

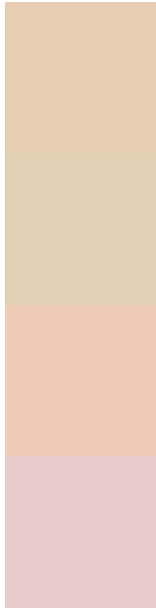
## Dichromacy





**Tritanopia**  
ECC9D8

# Trichromacy



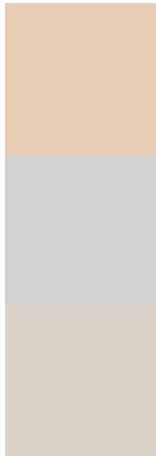
**Original Color**  
E7CEB3

**Protanomaly**  
E1D0B4

**Deuteranomaly**  
EDCBB4

**Tritanomaly**  
EACBCB

# Monochromacy



**Original Color**  
E7CEB3

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
DAD1C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7CEB3 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 #E7CEB3 looks like.

```
.text, #text, p{  
    color:#E7CEB3  
}
```

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 #E7CEB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7CEB3  
}
```

## Border

The CSS property to change the border of an element to Hex E7CEB3 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  
#E7CEB3 }
```

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

```
.border{ border-color:#E7CEB3 }
```

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

Here you see how a box with a 4 pixel #E7CEB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7CEB3; -webkit-box-shadow:4px 4px  
4px 4px #E7CEB3; box-shadow:4px 4px 4px  
4px #E7CEB3 }
```

# Background

The CSS property to change the background color of an element to Hex E7CEB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7CEB3 }
```

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

```
.background{ background-color:#E7CEB3 }
```

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