

# Converting Colors

Hex(CEC5C7)

Have a look what the booklet for  
Hex(CEC5C7) contains.

<b>Hex(CEC5C7)</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(CEC5C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEC5C7
RGB	206, 197, 199
RGB Percent	81%, 77%, 78%
CMY	0.1922, 0.2275, 0.2196
CMYK	0.00, 0.04, 0.03, 0.19
HSL	347°, 8%, 79%
HSV	347°, 4%, 81%
XYZ	55.7287, 57.1778, 62.1320
YIQ	199.9190, 4.7220, 2.5300

# Conversions

## Conversions Part 2

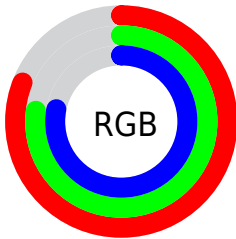
Format	Color
RYP	206, 197, 199
Decimal	13551047
CIE Lab	80.28, 3.49, 0.11
CIE LCh	80, 3.492, 1.823
Yxy	57.1778, 0.3184, 0.3267
Android (android.graphics.Color)	4291741127 (0xFFCEC5C7)
YUV	199.9190, -0.4531, 5.3330
Hunter-Lab	75.6160, -0.7744, 4.2139

# Details

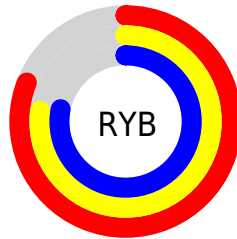
The Hex color **CEC5C7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C5CECC**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFEFF**, and **988F91** is the 20% darker color. If you saturate the color by 10%, you get **CEB0B7**, and if you desaturate by 10%, it is **CEDAD7**.

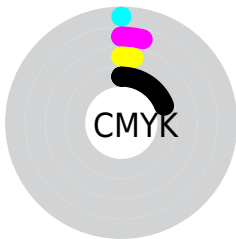
# Distribution



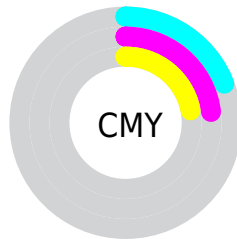
- Red (81%)
- Green (77%)
- Blue (78%)



- Red (81%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEC5C7 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 CEC5C7 by changing the saturation by 10% instead.



■ CEC5C7

FFFFFF

FFFEFF

■ CEC5C7

■ B3AAAC

■ 988F91

■ 7E7678

■ 655D5F

■ 4D4547

■ 362F31

■ 211A1C

■ 0A0001

■ 000000

 CEC5C7

 CEC5C7

 CEB0B7

 CEDAD7

 CE9CA7

 CEEEE7

 CE8797

 CEFFF7

 CE7387

 CEFFFF

 CE5E77

 CE4967

 CE3557

 CE2047

 CE0C37

# Harmonies

## Analogous

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



CCC5CA



CEC5C7



CEC5C4

# Triad

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



CEC5C7



C6C8C2



C1C8CD

# Complementary

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



CEC5C7



C5CECC

# 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.



BFC9CA



CEC5C7



C2C9C4

# Square

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



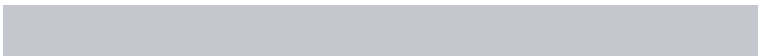
CEC5C7



CAC7C1



C0C9C7



C4C7CE

# Rectangle

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



CEC5C7



CEC6C2



C0C9C7



C0C9CC



# Sweetspot

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



CEC5C7



FFFCFD



CCC5CE



807E7F



000000



808080



# Same Dimension

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



CEC5C7



FFF2F5



CEC7C5



666061



A60025



260008



# Inverse Universe

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



CEC5C7



FFF2F5



C5CCCE



666061



A60025

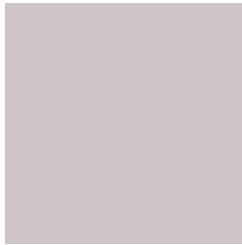


260008



# Previews

## White Background



This preview shows how the Hex color CEC5C7 looks on a white background.

## Color Contrast Check

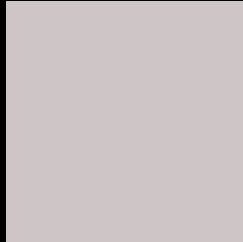
Large Text (above 18pt) WCAG AA × Fail

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 CEC5C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

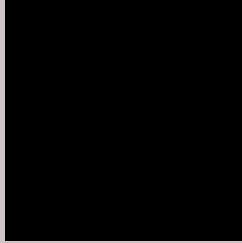
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

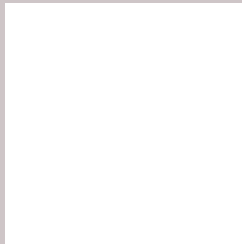
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEC5C7 Background



This preview shows how black text looks on a background with the Hex color CEC5C7.

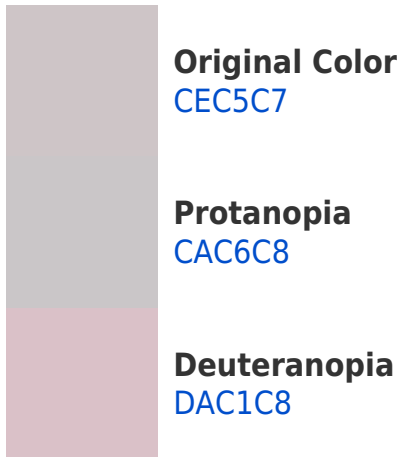


This preview shows how white text looks on a background with the Hex color CEC5C7.

# 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



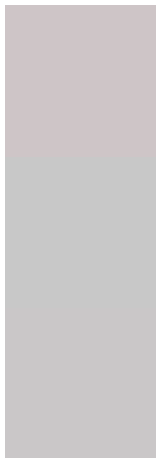
**Original Color**  
CEC5C7

**Protanomaly**  
CBC6C8

**Deuteranomaly**  
D6C2C8

**Tritanomaly**  
CFC4CF

# Monochromacy



**Original Color**  
CEC5C7

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
CAC7C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEC5C7 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 #CEC5C7 looks like.

```
.text, #text, p{  
    color:#CEC5C7  
}
```

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 #CEC5C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC5C7
}
```

## Border

The CSS property to change the border of an element to Hex CEC5C7 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
#CEC5C7 }
```

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

```
.border{ border-color:#CEC5C7 }
```

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

Here you see how a box with a 4 pixel #CEC5C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC5C7; -webkit-box-shadow:4px 4px  
4px 4px #CEC5C7; box-shadow:4px 4px 4px  
4px #CEC5C7 }
```

# Background

The CSS property to change the background color of an element to Hex CEC5C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC5C7 }
```

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

```
.background{ background-color:#CEC5C7 }
```

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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