

Converting Colors

Hex(CEC8D7)

Have a look what the booklet for
Hex(CEC8D7) contains.

Hex(CEC8D7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CEC8D7)

Conversions

Conversions Part 1

Format	Color
Hex	CEC8D7
RGB	206, 200, 215
RGB Percent	81%, 78%, 84%
CMY	0.1922, 0.2157, 0.1569
CMYK	0.04, 0.07, 0.00, 0.16
HSL	264°, 16%, 81%
HSV	264°, 7%, 84%
XYZ	58.3736, 59.3367, 72.6665
YIQ	203.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

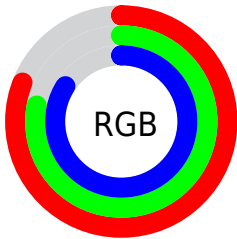
Format	Color
R _Y B	206, 200, 215
Decimal	13551831
CIE Lab	81.48, 4.85, -6.72
CIE LCh	81, 8.284, 305.838
Yxy	59.3367, 0.3066, 0.3117
Android (android.graphics.Color)	4291741911 (0xFFCEC8D7)
YUV	203.5040, 5.6675, 2.1890
Hunter-Lab	77.0303, 0.4644, -2.0100

Details

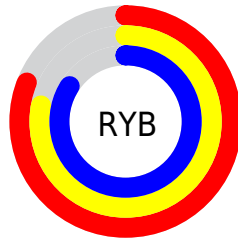
The Hex color **CEC8D7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D1D7C8**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFFFF**, and **9892A0** is the 20% darker color. If you saturate the color by 10%, you get **C1B3D7**, and if you desaturate by 10%, it is **DBDED7**.

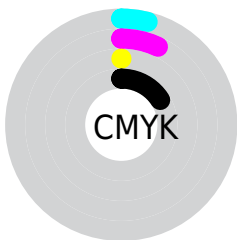
Distribution



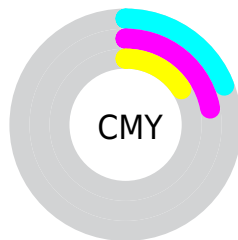
- Red (81%)
- Green (78%)
- Blue (84%)



- Red (81%)
- Yellow (78%)
- Blue (84%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color CEC8D7 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 CEC8D7 by changing the saturation by 10% instead.

■ CEC8D7

FFFFFF

■ CEC8D7

■ B2ADBB

■ 9892A0

■ 7E7886

■ 65606D

■ 4D4855

■ 36323D

■ 211D28

■ 0A0213

■ 000000

 CEC8D7

 CEC8D7

 C1B3D7

 DBDED7

 B49DD7

 E8F3D7

 A788D7

 F5FFD7

 9A72D7

 FFFFD7

 8D5DD7

 8147D7

 7431D7

 671CD7

 5A06D7

Harmonies

Analogous

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



C4CBDA



CEC8D7



D6C6D1

Triad

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



CEC8D7



D7C8BD



B9CFCC

Complementary

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



CEC8D7



D1D7C8

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.



BECFC4



CEC8D7



DOCABB

Square

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



CEC8D7



DBC6C2



C6CDBE



B8CFD3

Rectangle

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



CEC8D7



DAC5CC



C6CDBE



BACFC9

Sweetspot

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



CEC8D7



FCFAFF



C8D1D7



7E7D80



000000



808080

Same Dimension

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



CEC8D7



F3EBFF



D6C8D7



65606B



4400AB



11002B

Inverse Universe

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



D7C8D1



FFEBF7



CAD7C8



6B6067



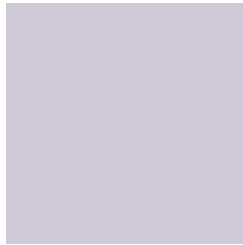
AB0067



2B001A

Previews

White Background



This preview shows how the Hex color CEC8D7 looks on a white background.

Color Contrast Check

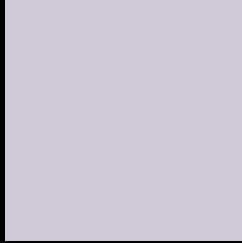
Large Text (above 18pt) WCAG AA × Fail

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 CEC8D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

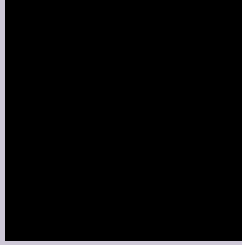
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

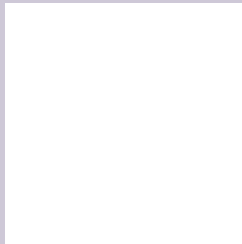
Any Text WCAG AAA ✓ Pass

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

Hex CEC8D7 Background



This preview shows how black text looks on a background with the Hex color CEC8D7.

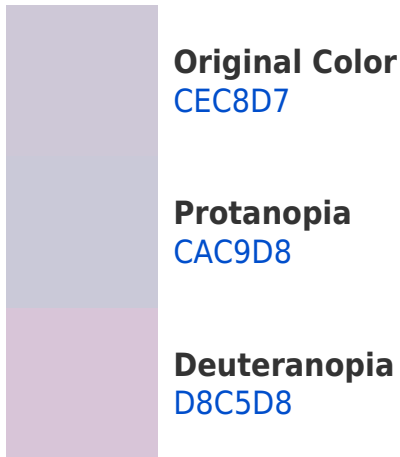


This preview shows how white text looks on a background with the Hex color CEC8D7.

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
CEC8D7

Protanomaly
CBC9D8

Deuteranomaly
D4C6D8

Tritanomaly
CEC8D8

Monochromacy



Original Color
CEC8D7

Achromatopsia
CCCCCC

Achromatomaly
CDCBD0

CSS Examples

Text

The CSS property to change the color of the text to Hex CEC8D7 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 #CEC8D7 looks like.

```
.text, #text, p{  
    color:#CEC8D7  
}
```

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 #CEC8D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEC8D7
}
```

Border

The CSS property to change the border of an element to Hex CEC8D7 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
#CEC8D7 }
```

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

```
.border{ border-color:#CEC8D7 }
```

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

Here you see how a box with a 4 pixel #CEC8D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEC8D7; -webkit-box-shadow:4px 4px  
4px 4px #CEC8D7; box-shadow:4px 4px 4px  
4px #CEC8D7 }
```

Background

The CSS property to change the background color of an element to Hex CEC8D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEC8D7 }
```

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

```
.background{ background-color:#CEC8D7 }
```

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