

# Converting Colors

Hex(CEE7CC)

Have a look what the booklet for  
Hex(CEE7CC) contains.

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# **Color**

**Hex(CEE7CC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEE7CC
RGB	206, 231, 204
RGB Percent	81%, 91%, 80%
CMY	0.1922, 0.0941, 0.2000
CMYK	0.11, 0.00, 0.12, 0.09
HSL	116°, 36%, 85%
HSV	116°, 12%, 91%
XYZ	64.9286, 74.6333, 68.1103
YIQ	220.4470, -6.2330, -13.6970

# Conversions

## Conversions Part 2

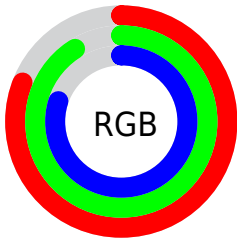
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 231, 229
Decimal	13559756
CIE <sub>Lab</sub>	89.22, -13.18, 10.37
CIE <sub>LCh</sub>	89, 16.773, 141.816
Yxy	74.6333, 0.3126, 0.3594
Android (android.graphics.Color)	4291749836 (0xFFCEE7CC)
YUV	220.4470, -8.1084, -12.6700
Hunter-Lab	86.3906, -17.0281, 13.7292

# Details

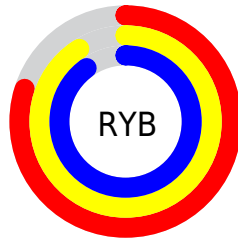
The Hex color **CEE7CC** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E5CCE7**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **98AF96** is the 20% darker color. If you saturate the color by 10%, you get **B9E7B5**, and if you desaturate by 10%, it is **E3E7E3**.

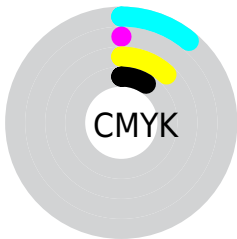
# Distribution



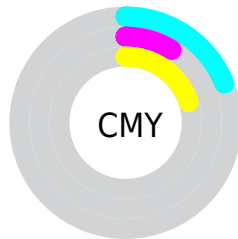
- Red (81%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (19%)
- Magenta (9%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEE7CC 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 CEE7CC by changing the saturation by 10% instead.



 CEE7CC

 CEE7CC

FFFFFF

 B2CBB1

 98AF96

 7E957C

 647B63

 4C624B

 354A34

 1F331F

 0B1E08

 000000

 CEE7CC

 CEE7CC

 B9E7B5

 E3E7E3

 A3E79E

 F9E7FA

 8EE787

 FFE7FF

 78E770

 63E759

 4EE741

 38E72A

 23E713

 11E700

# Harmonies

## Analogous

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



E0E3C2



CEE7CC



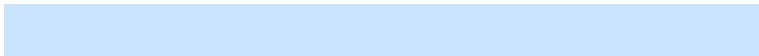
BFE9DB

# Triad

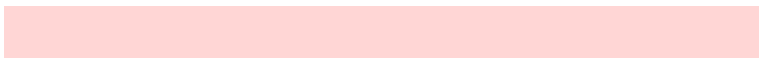
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CEE7CC



CAE3FF



FFD6D5

# Complementary

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



CEE7CC



E5CCE7

# 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.



FED6E5



CEE7CC



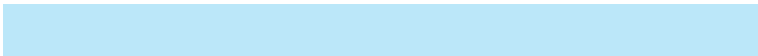
DEDEFE

# Square

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



CEE7CC



BBE7F9



F1D9F4



FED9C8

# Rectangle

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



CEE7CC



B8EAE6



F1D9F4



FFD5DA



# Sweetspot

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



CEE7CC



F6FFF5



E7E5CC



7A8079



000000



808080

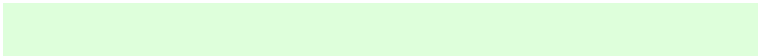


# Same Dimension

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



CEE7CC



DEFFDB



CCE7D7



687367



0DB300



043300



# Inverse Universe

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



E5CCE7



FCDBFF



E7CCDC



726773



A500B3

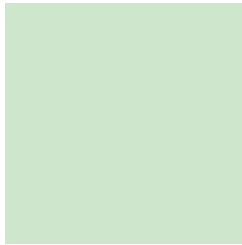


2F0033



# Previews

## White Background



This preview shows how the Hex color CEE7CC looks on a white background.

## Color Contrast Check

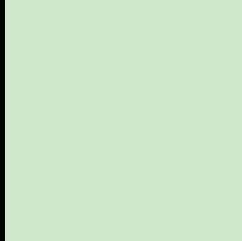
Large Text (above 18pt) WCAG AA × Fail

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 CEE7CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

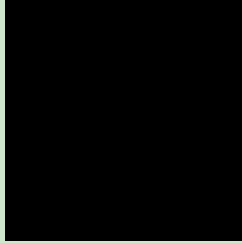
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

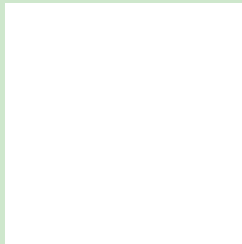
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEE7CC Background



This preview shows how black text looks on a background with the Hex color CEE7CC.

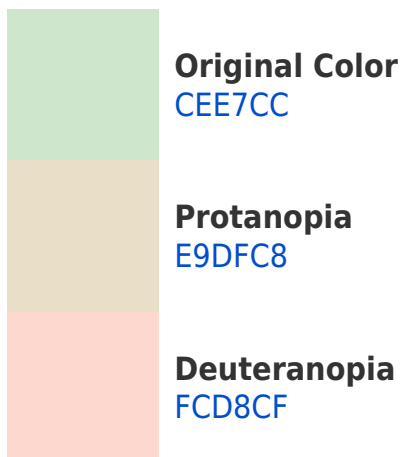


This preview shows how white text looks on a background with the Hex color CEE7CC.

# 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**  
D4E1F3

# Trichromacy



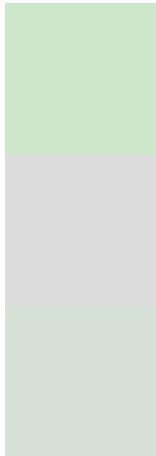
**Original Color**  
CEE7CC

**Protanomaly**  
DFE2C9

**Deuteranomaly**  
EBDDCE

**Tritanomaly**  
D2E3E5

# Monochromacy



**Original Color**  
CEE7CC

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
D7E0D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEE7CC 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 #CEE7CC looks like.

```
.text, #text, p{  
    color:#CEE7CC  
}
```

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 #CEE7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEE7CC }  
}
```

## Border

The CSS property to change the border of an element to Hex CEE7CC 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 #CEE7CC }  
}
```

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

```
.border{ border-color:#CEE7CC }
```

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

Here you see how a box with a 4 pixel #CEE7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEE7CC; -webkit-box-shadow:4px 4px  
4px 4px #CEE7CC; box-shadow:4px 4px 4px  
4px #CEE7CC }
```

# Background

The CSS property to change the background color of an element to Hex CEE7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEE7CC }
```

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

```
.background{ background-color:#CEE7CC }
```

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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