

# Converting Colors

Hex(CEEEEC8)

Have a look what the booklet for  
Hex(CEEEEC8) contains.

<b>Hex(CEEEEC8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CEEEEC8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEEEC8
RGB	206, 238, 200
RGB Percent	81%, 93%, 78%
CMY	0.1922, 0.0667, 0.2157
CMYK	0.13, 0.00, 0.16, 0.07
HSL	111°, 53%, 86%
HSV	111°, 16%, 93%
XYZ	66.4535, 78.4410, 66.2817
YIQ	224.1000, -6.8740, -18.6020

# Conversions

## Conversions Part 2

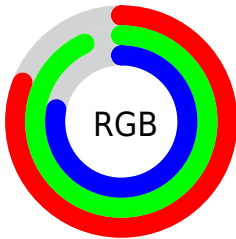
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">200, 238, 232</a>
Decimal	<a href="#">13561544</a>
CIELab	<a href="#">90.98, -17.35, 14.95</a>
CIELCh	<a href="#">91, 22.900, 139.252</a>
Yxy	<a href="#">78.4410, 0.3147, 0.3714</a>
Android (android.graphics.Color)	<a href="#">4291751624 (0xFFCDEEC8)</a>
YUV	<a href="#">224.1000, -11.8813, -15.8737</a>
Hunter-Lab	<a href="#">88.5669, -21.0602, 17.6254</a>

# Details

The Hex color **CEEEC8** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E8C8EE**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **97B692** is the 20% darker color. If you saturate the color by 10%, you get **BAEEB0**, and if you desaturate by 10%, it is **E2EEE0**.

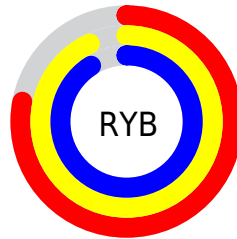
# Distribution



Red (81%)

Green (93%)

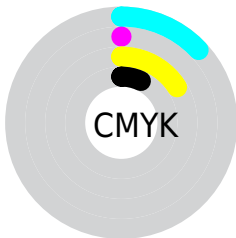
Blue (78%)



Red (78%)

Yellow (93%)

Blue (91%)

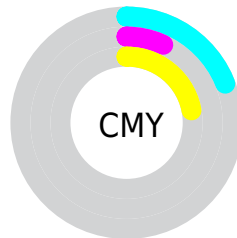


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (7%)



Cyan (19%)

Magenta (7%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEEEC8 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 CEEEC8 by changing the saturation by 10% instead.



 CEEEC8

FFFFFF

 CEEEC8

 B2D2AD

 97B692

 7D9B78

 64815F

 4C6848

 345031

 1E391C

 0A2303

 000700

 CEEEC8

 CEEEC8

 BAEEB0

 E2EEE0

 A6EE98

 F6EEF8

 92EE81

 FFEEFF

 7EEE69

 6AEE51

 56EE39

 42EE21

 2EEE0A

 26EE00

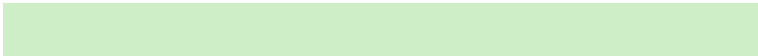
# Harmonies

## Analogous

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



E7E8BC



CEEE88



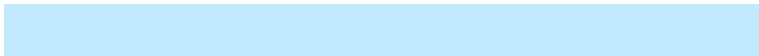
B8F1DC

# Triad

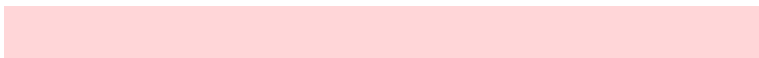
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CEEEC8



C2EAFF



FFD6D8

# Complementary

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



CEEEC8



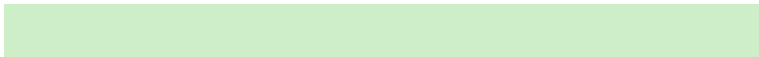
E8C8EE

# 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.



FFD7EE



CEEEC8



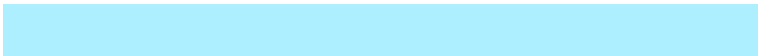
DFE2FF

# Square

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



CEEEC8



AEEFFF



FADBFF



FFDAC5

# Rectangle

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



CEEEC8



ADF2EB



FADBFF



FFD6DF



# Sweetspot

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



C EE EC 8



F 4 F F F 2



E E E 8 C 8



7 9 8 0 7 8



0 0 0 0 0 0



8 0 8 0 8 0

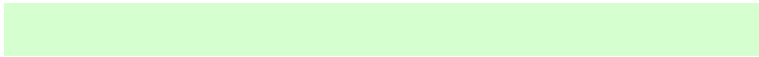


# Same Dimension

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



CEEEC8



D6FFCF



C8EED5



6E786C



1DB800



093800



# Inverse Universe

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



E8C8EE



F7CFFF



EEC8E1



766C78



9B00B8

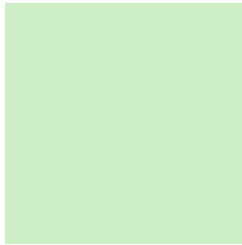


2F0038



# Previews

## White Background



This preview shows how the Hex color CEEEC8 looks on a white background.

## Color Contrast Check

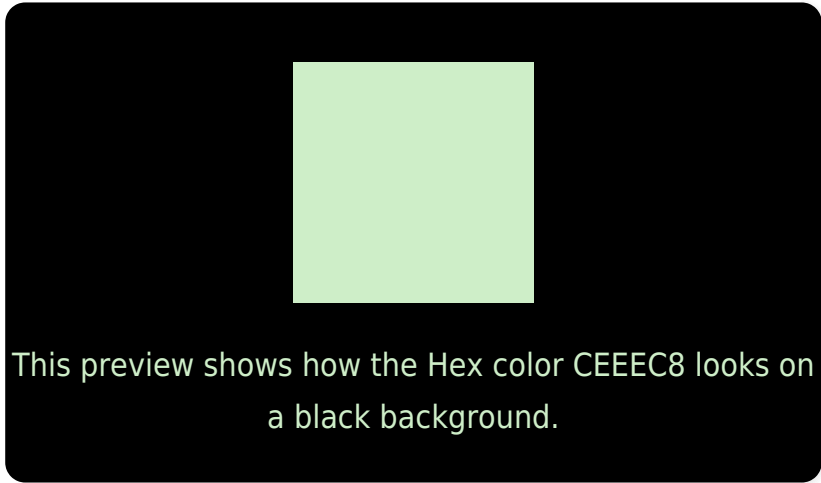
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

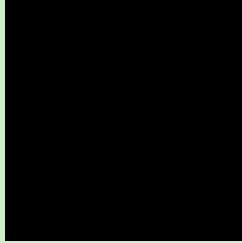
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

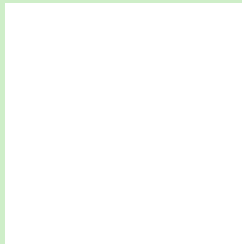
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEEEC8 Background



This preview shows how black text looks on a background with the Hex color CEEEC8.

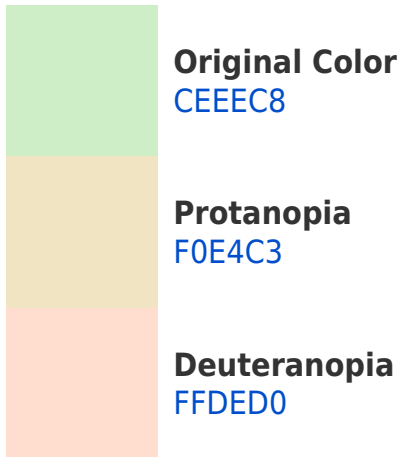


This preview shows how white text looks on a background with the Hex color CEEEC8.

# 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](#).

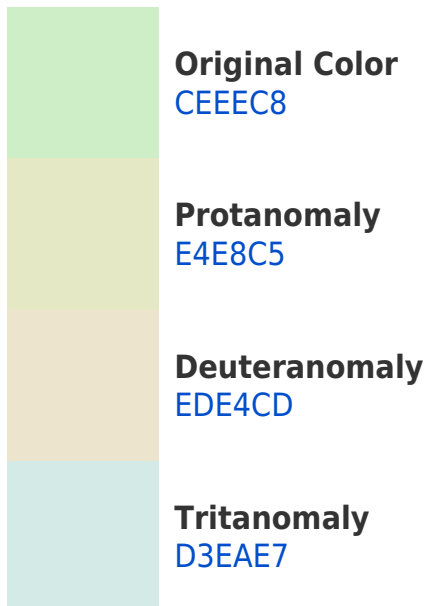
## Dichromacy



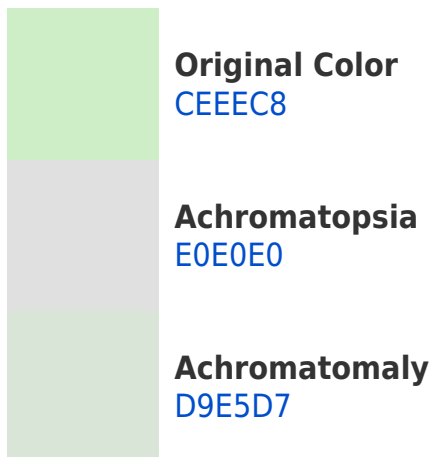


**Tritanopia**  
D6E7F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEEEC8 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 #CEEEC8 looks like.

```
.text, #text, p{  
    color:#CEEEC8  
}
```

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 #CEEEEC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEEEEC8  
}
```

## Border

The CSS property to change the border of an element to Hex CEEEC8 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  
#CEEEEC8 }
```

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

```
.border{ border-color:#CEEEC8 }
```

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

Here you see how a box with a 4 pixel #CEEEC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEEEC8; -webkit-box-shadow:4px 4px  
4px 4px #CEEEC8; box-shadow:4px 4px 4px  
4px #CEEEC8 }
```

# Background

The CSS property to change the background color of an element to Hex CEEEC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEEEC8 }
```

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

```
.background{ background-color:#CEEEC8 }
```

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