

# Converting Colors

Hex(CCCEC9)

Have a look what the booklet for  
Hex(CCCEC9) contains.

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# **Color**

**Hex(CCC9C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCCEC9
RGB	204, 206, 201
RGB Percent	80%, 81%, 79%
CMY	0.2000, 0.1922, 0.2118
CMYK	0.01, 0.00, 0.02, 0.19
HSL	84°, 5%, 80%
HSV	84°, 2%, 81%
XYZ	57.5158, 61.1970, 64.0391
YIQ	204.8320, 0.4130, -1.9790

# Conversions

## Conversions Part 2

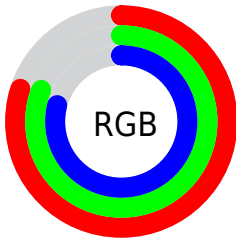
Format	Color
R <sub>Y</sub> B	201, 206, 203
Decimal	13422281
CIE Lab	82.48, -1.59, 2.23
CIE LCh	82, 2.740, 125.416
Yxy	61.1970, 0.3147, 0.3349
Android (android.graphics.Color)	4291612361 (0xFFCCCEC9)
YUV	204.8320, -1.8892, -0.7297
Hunter-Lab	78.2285, -5.6618, 6.2242

# Details

The Hex color **CCCEC9** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **CBC9CE**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFFFF**, and **969893** is the 20% darker color. If you saturate the color by 10%, you get **C4CEB4**, and if you desaturate by 10%, it is **D4CEDE**.

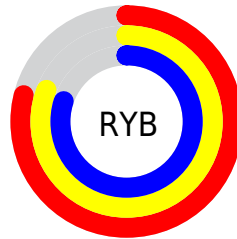
# Distribution



Red (80%)

Green (81%)

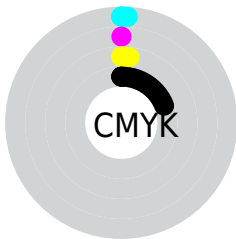
Blue (79%)



Red (79%)

Yellow (81%)

Blue (80%)

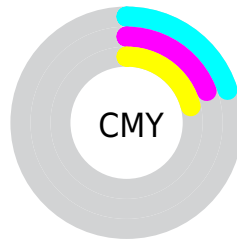


Cyan (1%)

Magenta (0%)

Yellow (2%)

Black (19%)



Cyan (20%)

Magenta (19%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCCEC9 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 CCCEC9 by changing the saturation by 10% instead.



■ CCCEC9

FFFFFF

■ CCCEC9

■ B1B3AE

■ 969893

■ 7C7E79

■ 636561

■ 4B4D49

■ 353632

■ 20211D

■ 070A04

■ 000000

 CCCEC9

 CCCEC9

 C4CEB4

 D4CEDE

 BCCEA0

 DCCEF2

 B3CE8B

 E5CEFF

 ABCE77

 EDCEFF

 A3CE62

 F5CEFF

 9BCE4D

 FDCEFF

 92CE39

 FFCEFF

 8ACE24

 82CE10

# Harmonies

## Analogous

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



CFCDC8



CCCEC9



C9CFCB

# Triad

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



CCCEC9



C9CED2



D3CCCD

# Complementary

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



CCCEC9



CBC9CE

# 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.



D1CCCF



CCCEC9



CBCDD2

# Square

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



CCCEC9



C7CFD0



CECCD1



D3CCCA

# Rectangle

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



CCCEC9



C8CFCD



CECCD1



D2CCCE



# Sweetspot

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



CCCEC9



FEFFFC



CECBC9



7F807E



000000



808080



# Same Dimension

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



CCCEC9



FCFFF7



CACEC9



646662



63A600



172600



# Inverse Universe

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



CBC9CE



FAF7FF



CDC9CE



646266



4200A6

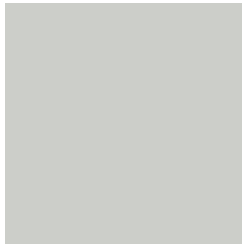


0F0026



# Previews

## White Background



This preview shows how the Hex color CCCEC9 looks on a white background.

## Color Contrast Check

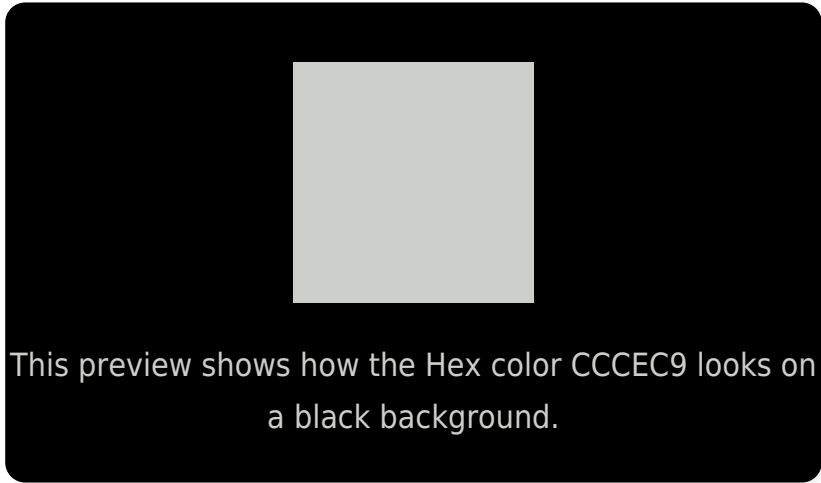
Large Text (above 18pt) WCAG AA × Fail

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

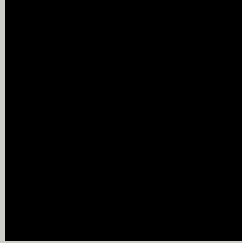
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

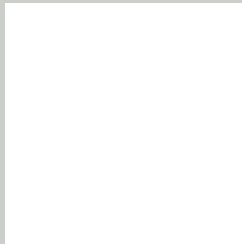
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCCEC9 Background



This preview shows how black text looks on a background with the Hex color CCCEC9.

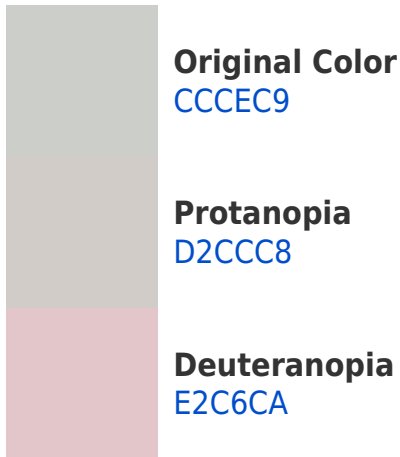


This preview shows how white text looks on a background with the Hex color CCCEC9.

# 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



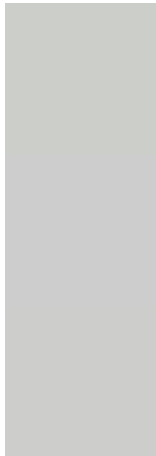
**Original Color**  
CCCEC9

**Protanomaly**  
D0CDC8

**Deuteranomaly**  
DAC9CA

**Tritanomaly**  
CECCD4

# Monochromacy



**Original Color**  
CCCEC9

**Achromatopsia**  
CDCDCD

**Achromatomaly**  
CDCDCC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCCEC9 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 #CCCEC9 looks like.

```
.text, #text, p{  
    color:#CCCEC9  
}
```

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 #CCCEC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCCEC9
}
```

## Border

The CSS property to change the border of an element to Hex CCCEC9 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
#CCCEC9 }
```

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

```
.border{ border-color:#CCCEC9 }
```

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

Here you see how a box with a 4 pixel #CCCEC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCCEC9; -webkit-box-shadow:4px 4px  
4px 4px #CCCEC9; box-shadow:4px 4px 4px  
4px #CCCEC9 }
```

# Background

The CSS property to change the background color of an element to Hex CCCEC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCCEC9 }
```

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

```
.background{ background-color:#CCCEC9 }
```

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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