

# Converting Colors

Hex(CECCEB)

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

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# **Color**

**Hex(CECCEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CECCEB
RGB	206, 204, 235
RGB Percent	81%, 80%, 92%
CMY	0.1922, 0.2000, 0.0784
CMYK	0.12, 0.13, 0.00, 0.08
HSL	244°, 44%, 86%
HSV	244°, 13%, 92%
XYZ	62.0419, 62.3057, 87.3535
YIQ	208.1320, -8.7590, 10.0650

# Conversions

## Conversions Part 2

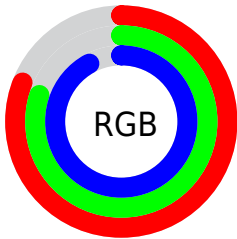
Format	Color
R <sub>Y</sub> B	206, 204, 235
Decimal	13552875
CIE Lab	83.08, 6.68, -15.02
CIE LCh	83, 16.437, 293.975
Yxy	62.3057, 0.2931, 0.2943
Android (android.graphics.Color)	4291742955 (0xFFCECCEB)
YUV	208.1320, 13.2459, -1.8698
Hunter-Lab	78.9340, 2.1660, -10.3604

# Details

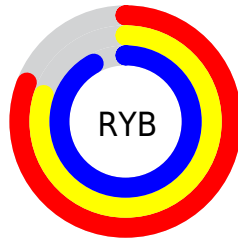
The Hex color **CECCEB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E9EBCC**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFFF**, and **9896B3** is the 20% darker color. If you saturate the color by 10%, you get **B8B5EB**, and if you desaturate by 10%, it is **E4E4EB**.

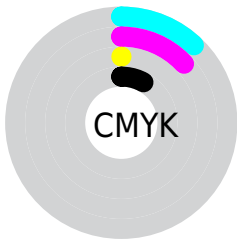
# Distribution



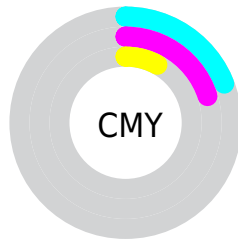
- Red (81%)
- Green (80%)
- Blue (92%)



- Red (81%)
- Yellow (80%)
- Blue (92%)



- Cyan (12%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (20%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



■ CECCEB

FFFFFF

■ CECCEB

■ B2B1CF

■ 9896B3

■ 7D7C98

■ 64637E

■ 4C4B65

■ 35354D

■ 1F2036

■ 0A0821

■ 000007

 CECCEB

 CECCEB

 B8B5EB

 E4E4EB

 A29DEB

 FAFBEB

 8C86EB

 FFFFEB

 766EEB

 6057EB

 4A3FEB

 3428EB

 1E10EB

 0F00EB

# Harmonies

## Analogous

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



BAD1ED



CECCEB



E0C7E1

# Triad

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



CECCEB



EBC8B6



AED8CB

# Complementary

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



CECCEB



E9EBCC

# 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.



BCD6BC



CECCEB



DFCDB0

# Square

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



CECCEB



F0C5C3



CED2B3



A7D8DB

# Rectangle

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



CECCEB



E9C5D8



CED2B3



B2D7C6



# Sweetspot

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



CECCEB



F5F5FF



CCE9EB



7A7980



000000



808080



# Same Dimension

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



CECCEB



D9D6FF



DDCCEB



6A6A75



0C00B5



030036



# Inverse Universe

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



EBCCE9



FFD6FC



DAEBCC



756A75



B500A9

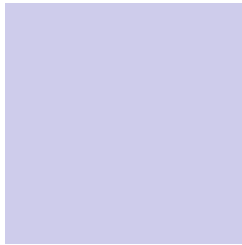


360032



# Previews

## White Background



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

## Color Contrast Check

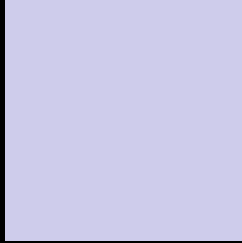
Large Text (above 18pt) WCAG AA × Fail

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 CECCEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

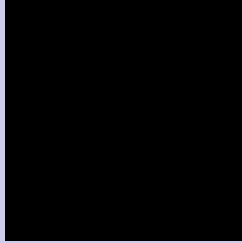
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

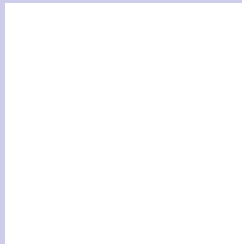
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CECCEB Background



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



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

# 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



**Original Color**  
CECCEB

**Protanopia**  
CACDEC

**Deuteranopia**  
D5CAEB



# Trichromacy



**Original Color**  
CECCEB

**Protanomaly**  
CBCDEC

**Deuteranomaly**  
D2CBEB

**Tritanomaly**  
CDCDE3

# Monochromacy



**Original Color**  
CECCEB

**Achromatopsia**  
D0D0D0

**Achromatomaly**  
CFCFDA

# CSS Examples

## Text

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

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

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 #CECCEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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