

# Converting Colors

Hex(C0E2CB)

Have a look what the booklet for  
Hex(C0E2CB) contains.

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# **Color**

**Hex(C0E2CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0E2CB
RGB	192, 226, 203
RGB Percent	75%, 89%, 80%
CMY	0.2471, 0.1137, 0.2039
CMYK	0.15, 0.00, 0.10, 0.11
HSL	139°, 37%, 82%
HSV	139°, 15%, 89%
XYZ	59.7141, 69.9110, 66.8468
YIQ	213.2120, -12.8810, -14.3610

# Conversions

## Conversions Part 2

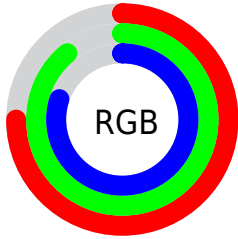
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 218, 226
Decimal	12640971
CIELab	86.95, -15.53, 7.52
CIELCh	87, 17.255, 154.150
Yxy	69.9110, 0.3039, 0.3558
Android (android.graphics.Color)	4290831051 (0xFFC0E2CB)
YUV	213.2120, -5.0345, -18.6029
Hunter-Lab	83.6128, -18.8423, 11.1277

# Details

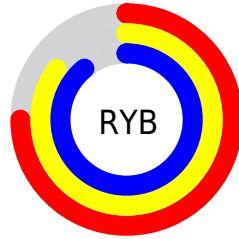
The Hex color **C0E2CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2C0D7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F9FFFF**, and **8AAB95** is the 20% darker color. If you saturate the color by 10%, you get **A9E2BC**, and if you desaturate by 10%, it is **D7E2DA**.

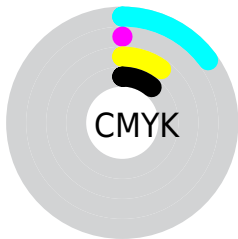
# Distribution



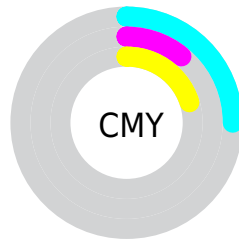
- Red (75%)
- Green (89%)
- Blue (80%)



- Red (75%)
- Yellow (85%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0E2CB 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 C0E2CB by changing the saturation by 10% instead.



 C0E2CB

FFFFFF

 F9FFFF

 C0E2CB

 A5C6B0

 8AAB95

 70907B

 587662

 405E4A

 294634

 132F1F

 001B06

 000000

 C0E2CB

 C0E2CB

 A9E2BC

 D7E2DA

 93E2AC

 EDE2EA

 7CE29D

 FFE2F9

 66E28E

 FFE2FF

 4FE27F

 38E26F

 22E260

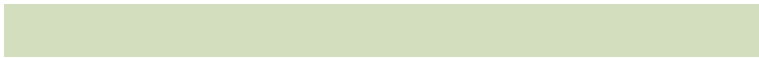
 0BE251

 00E249

# Harmonies

## Analogous

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



D2DEBE



C0E2CB



B3E3DB

# Triad

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



C0E2CB



CBDAFA



FCD0C8

# Complementary

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



C0E2CB



E2C0D7

# 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.



FBCFD8



C0E2CB



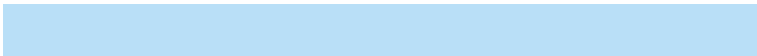
E0D5F5

# Square

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



C0E2CB



B9DFF7



F1D0E8



F4D4BD

# Rectangle

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



C0E2CB



AFE3E6



F1D0E8



FDCFCD

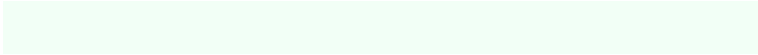


# Sweetspot

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



C0E2CB



F2FFF6



D7E2C0



78807A



000000



808080

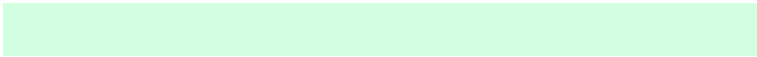


# Same Dimension

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



C0E2CB



D1FFE0



C0E2DC



657069



00B039



003010



# Inverse Universe

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



E2C0D7



FFD1F0



E2C0C6



70656D



B00077



300021



# Previews

## White Background



This preview shows how the Hex color C0E2CB looks on a white background.

## Color Contrast Check

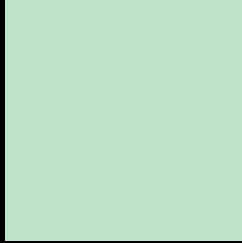
Large Text (above 18pt) WCAG AA × Fail

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 C0E2CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

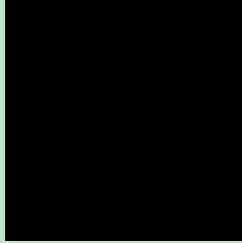
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

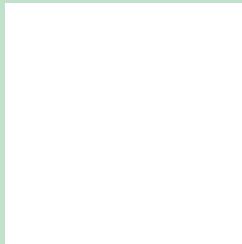
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C0E2CB Background



This preview shows how black text looks on a background with the Hex color C0E2CB.

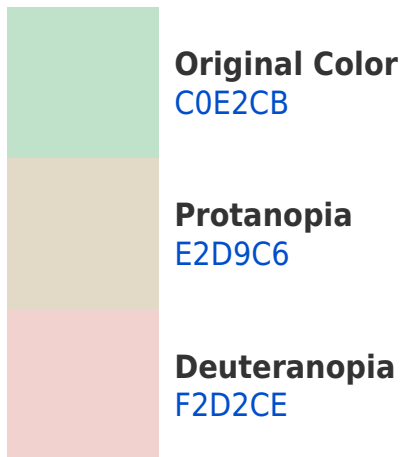


This preview shows how white text looks on a background with the Hex color C0E2CB.

# 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**  
C0E2CB

**Protanomaly**  
D6DCC8

**Deuteranomaly**  
E0D8CD

**Tritanomaly**  
C4DFE1

# Monochromacy



**Original Color**  
C0E2CB

**Achromatopsia**  
D5D5D5

**Achromatomaly**  
CDDAD1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0E2CB 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 #C0E2CB looks like.

```
.text, #text, p{  
    color:#C0E2CB  
}
```

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 #C0E2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E2CB
}
```

## Border

The CSS property to change the border of an element to Hex C0E2CB 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
#C0E2CB }
```

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

```
.border{ border-color:#C0E2CB }
```

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

Here you see how a box with a 4 pixel `#C0E2CB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E2CB; -webkit-box-shadow:4px 4px  
4px 4px #C0E2CB; box-shadow:4px 4px 4px  
4px #C0E2CB }
```

# Background

The CSS property to change the background color of an element to Hex C0E2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E2CB }
```

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

```
.background{ background-color:#C0E2CB }
```

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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