

# Converting Colors

Hex(C2EAEA)

Have a look what the booklet for  
Hex(C2EAEA) contains.

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# **Color**

**Hex(C2EAEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2EAEA
RGB	194, 234, 234
RGB Percent	76%, 92%, 92%
CMY	0.2392, 0.0824, 0.0824
CMYK	0.17, 0.00, 0.00, 0.08
HSL	180°, 49%, 84%
HSV	180°, 17%, 92%
XYZ	66.5222, 76.2555, 89.0546
YIQ	222.0400, -23.8400, -8.4800

# Conversions

## Conversions Part 2

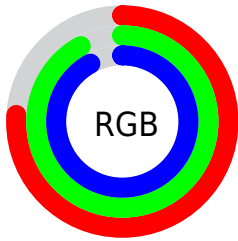
Format	Color
<a href="#">RYB</a>	<a href="#">194, 214, 234</a>
Decimal	<a href="#">12774122</a>
CIELab	<a href="#">89.98, -12.87, -4.32</a>
CIElCh	<a href="#">90, 13.577, 198.540</a>
Yxy	<a href="#">76.2555, 0.2869, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4290964202 (0xFFC2EAEA)</a>
YUV	<a href="#">222.0400, 5.8963, -24.5911</a>
Hunter-Lab	<a href="#">87.3244, -16.8394, 0.6623</a>

# Details

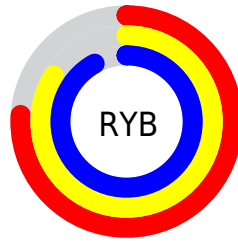
The Hex color **C2EAEA** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EAC2C2**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FBFFFF**, and **8CB2B2** is the 20% darker color. If you saturate the color by 10%, you get **ABEAEA**, and if you desaturate by 10%, it is **D9EAEA**.

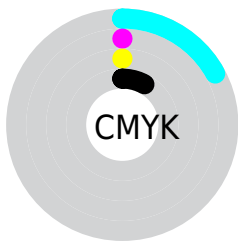
# Distribution



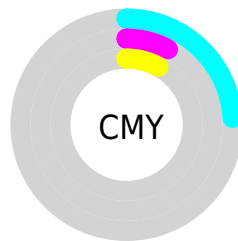
- Red (76%)
- Green (92%)
- Blue (92%)



- Red (76%)
- Yellow (84%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2EAEA 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 C2EAEA by changing the saturation by 10% instead.



 C2EAEA

FFFFFF

 FBFFFF

 C2EAEA

 A7CECE

 8CB2B2

 729798

 587E7E

 406565

 284C4D

 103636

 002021

 00000A

 C2EAEA

 C2EAEA

 ABEAEA

 D9EAEA

 93EAEA

 F1EAEA

 7CEAEA

 FFEAEA

 64EAEA

 4DEAEA

 36EAEA

 1EEAEA

 07EAEA

 00EAEA

# Harmonies

## Analogous

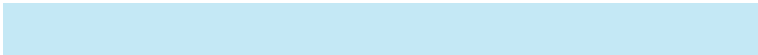
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C9EADD



C2EAEA



C4E8F5

# Triad

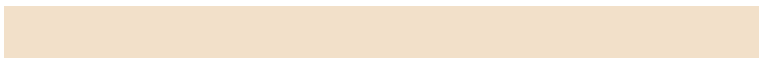
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C2EAEA



EEDDF4



F2E0C9

# Complementary

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



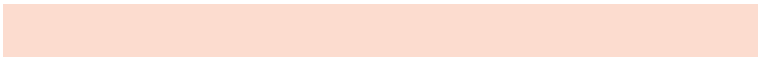
C2EAEA



EAC2C2

# 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.



FCDCCF



C2EAEA



FADAE8

# Square

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



C2EAEA



DFE1FB



FEDADB



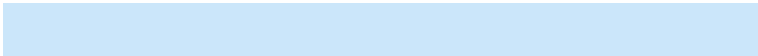
E4E4CA

# Rectangle

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



C2EAEA



CBE6FA



FEDADB



F6DECB



# Sweetspot

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



C2EAEA



F2FFFF



C2EAC2



788080



000000



808080

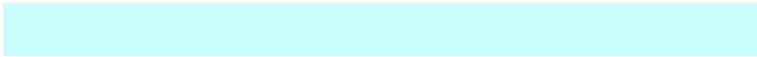


# Same Dimension

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



C2EAEA



C9FFFF



C2D6EA



6A7575



00B5B5



003636



# Inverse Universe

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



EAC2EA



FFC9FF



EAD6C2



756A75



B500B5

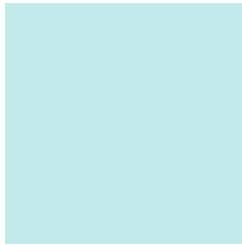


360036



# Previews

## White Background



This preview shows how the Hex color C2EAEA looks on a white background.

## Color Contrast Check

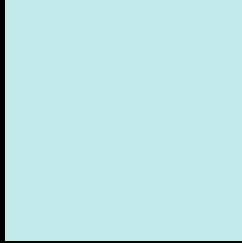
Large Text (above 18pt) WCAG AA × Fail

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 C2EAEA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

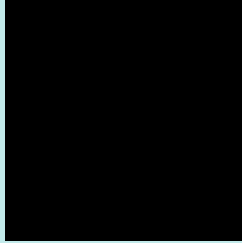
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

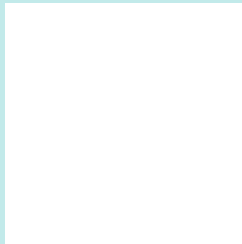
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2EAEA Background



This preview shows how black text looks on a background with the Hex color C2EAEA.

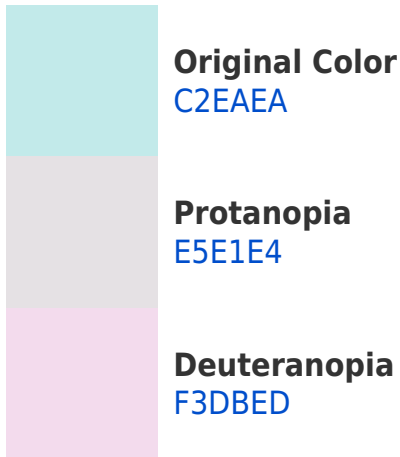


This preview shows how white text looks on a background with the Hex color C2EAEA.

# 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



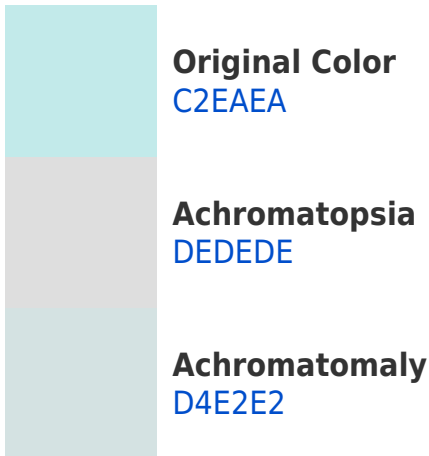


**Tritanopia**  
C5E8FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2EAEA 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 #C2EAEA looks like.

```
.text, #text, p{  
  color:#C2EAEA  
}
```

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 #C2EAEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2EAEA
}
```

## Border

The CSS property to change the border of an element to Hex C2EAEA 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
#C2EAEA }
```

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

```
.border{ border-color:#C2EAEA }
```

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

Here you see how a box with a 4 pixel #C2EAEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2EAEA; -webkit-box-shadow:4px 4px  
4px 4px #C2EAEA; box-shadow:4px 4px 4px  
4px #C2EAEA }
```

# Background

The CSS property to change the background color of an element to Hex C2EAEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2EAEA }
```

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

```
.background{ background-color:#C2EAEA }
```

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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