

# Converting Colors

Hex(C4EBEB)

Have a look what the booklet for  
Hex(C4EBEB) contains.

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# **Color**

**Hex(C4EBEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4EBEB
RGB	196, 235, 235
RGB Percent	77%, 92%, 92%
CMY	0.2314, 0.0784, 0.0784
CMYK	0.17, 0.00, 0.00, 0.08
HSL	180°, 49%, 85%
HSV	180°, 17%, 92%
XYZ	67.4687, 77.1506, 89.9328
YIQ	223.3390, -23.2440, -8.2680

# Conversions

## Conversions Part 2

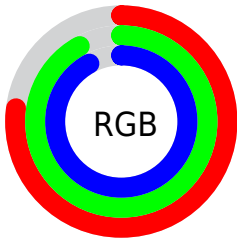
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 216, 235
Decimal	12905451
CIE Lab	90.39, -12.56, -4.22
CIE LCh	90, 13.247, 198.566
Yxy	77.1506, 0.2876, 0.3289
Android (android.graphics.Color)	4291095531 (0xFFC4EBEB)
YUV	223.3390, 5.7489, -23.9763
Hunter-Lab	87.8354, -16.6014, 0.7790

# Details

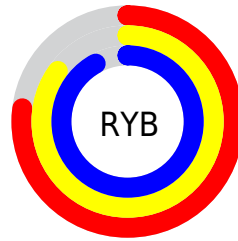
The Hex color **C4EBEB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EBC4C4**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FDFFFF**, and **8EB3B3** is the 20% darker color. If you saturate the color by 10%, you get **ACEBEB**, and if you desaturate by 10%, it is **DCEBEB**.

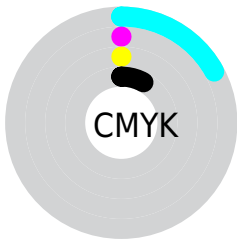
# Distribution



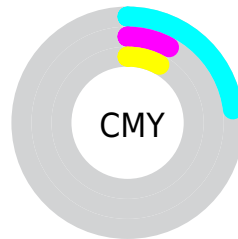
- Red (77%)
- Green (92%)
- Blue (92%)



- Red (77%)
- Yellow (85%)
- Blue (92%)



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



- Cyan (23%)
- Magenta (8%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4EBEB 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 C4EBEB by changing the saturation by 10% instead.



 C4EBEB

 C4EBEB

FFFFFF

 A8CFCF

FDFFFF

 8EB3B3

 749899

 5A7E7F

 426566

 2A4D4E

 123637

 002122

 00030C

 C4EBEB

 C4EBEB

 ACEBEB

 DCEBEB

 95EBEB

 F3EBEB

 7EEBEB

 FFEBEB

 66EBEB

 4FEBEB

 37EBEB

 20EBEB

 08EBEB

 00EBEB

# Harmonies

## Analogous

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



CAEBDE



C4EBEB



C6E9F6

# Triad

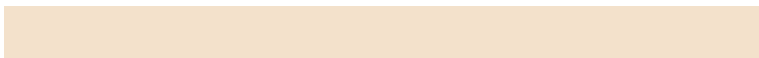
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C4EBEB



EFDEF4



F3E1CB

# Complementary

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



C4EBEB



EBC4C4

# 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.



FCDDD1



C4EBEB



FBDBE9

# Square

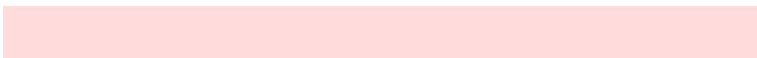
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C4EBEB



E0E2FB



FFDBDC



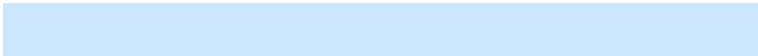
E5E5CB

# Rectangle

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



C4EBEB



CCE7FB



FFDBDC

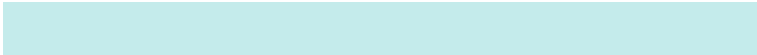


F7E0CC



# Sweetspot

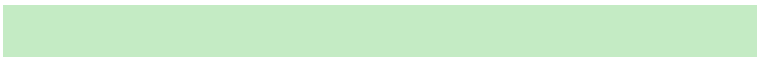
The Sweet Spot groups the original color and five complimentary colors.



C4EBEB



F2FFFF



C4EBC4



788080



000000



808080



# Same Dimension

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



C4EBEB



CCFFFF



C4D8EB



6A7575



00B5B5



003636



# Inverse Universe

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



EBC4EB



FFCCFF



EBD8C4



756A75



B500B5

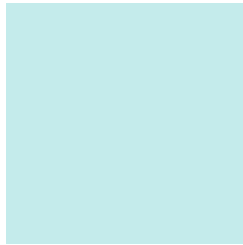


360036



# Previews

## White Background



This preview shows how the Hex color C4EBEB looks on a white background.

## Color Contrast Check

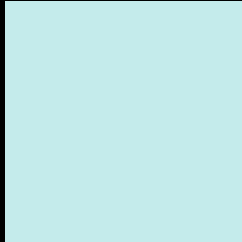
Large Text (above 18pt) WCAG AA × Fail

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 C4EBEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

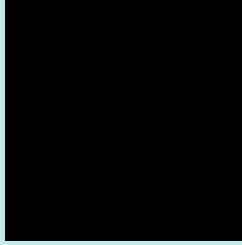
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

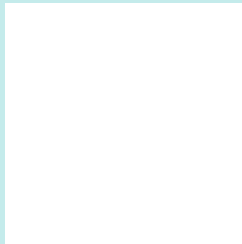
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4EBEB Background



This preview shows how black text looks on a background with the Hex color C4EBEB.

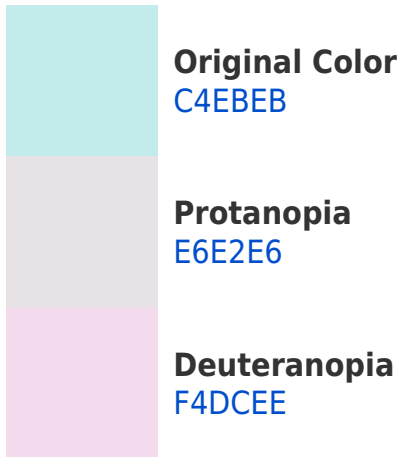


This preview shows how white text looks on a background with the Hex color C4EBEB.

# 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**  
C7E9FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4EBEB 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 #C4EBEB looks like.

```
.text, #text, p{  
    color:#C4EBEB  
}
```

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 #C4EBEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4EBEB
}
```

## Border

The CSS property to change the border of an element to Hex C4EBEB 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
#C4EBEB }
```

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

```
.border{ border-color:#C4EBEB }
```

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

Here you see how a box with a 4 pixel #C4EBEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4EBEB; -webkit-box-shadow:4px 4px  
4px 4px #C4EBEB; box-shadow:4px 4px 4px  
4px #C4EBEB }
```

# Background

The CSS property to change the background color of an element to Hex C4EBEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4EBEB }
```

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

```
.background{ background-color:#C4EBEB }
```

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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