

# Converting Colors

Hex(CEF5EC)

Have a look what the booklet for  
Hex(CEF5EC) contains.

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# Color

Hex(CEF5EC)

# Conversions

## Conversions Part 1

Format	Color
Hex	CEF5EC
RGB	206, 245, 236
RGB Percent	81%, 96%, 93%
CMY	0.1922, 0.0392, 0.0745
CMYK	0.16, 0.00, 0.04, 0.04
HSL	166°, 66%, 88%
HSV	166°, 16%, 96%
XYZ	73.2463, 84.4828, 91.8032
YIQ	232.3130, -20.3550, -11.0670

# Conversions

## Conversions Part 2

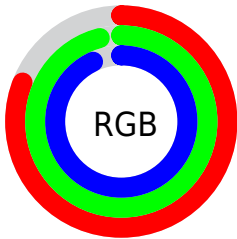
Format	Color
R <sub>Y</sub> B	206, 228, 245
Decimal	13563372
CIE Lab	93.66, -14.26, 0.13
CIE LCh	94, 14.264, 179.493
Yxy	84.4828, 0.2935, 0.3386
Android (android.graphics.Color)	4291753452 (0xFFCE5EC)
YUV	232.3130, 1.8177, -23.0765
Hunter-Lab	91.9145, -18.6044, 5.1220

# Details

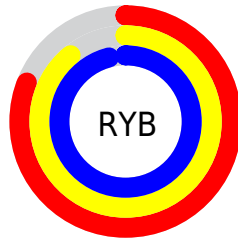
The Hex color **CEF5EC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F5CED7**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFF**, and **97BDB4** is the 20% darker color. If you saturate the color by 10%, you get **B6F5E6**, and if you desaturate by 10%, it is **E7F5F2**.

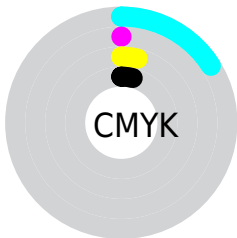
# Distribution



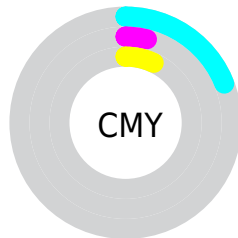
- Red (81%)
- Green (96%)
- Blue (93%)



- Red (81%)
- Yellow (89%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CEF5EC 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 CEF5EC by changing the saturation by 10% instead.



 CEF5EC

FFFFFF

 CEF5EC

 B2D9D0

 97BDB4

 7DA299

 648780

 4B6E67

 33564F

 1C3E38

 052822

 00150C

 CEF5EC

 CEF5EC

 B6F5E6

 E7F5F2

 9DF5E1

 FFF5F7

 84F5DB

 FFF5FD

 6CF5D5

 FFF5FF

 54F5D0

 3BF5CA

 22F5C4

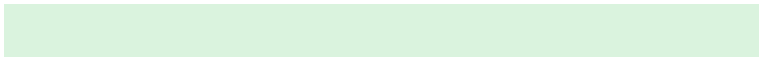
 0AF5BF

 00F5BC

# Harmonies

## Analogous

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



DAF3DE



CEF5EC



CAF5FA

# Triad

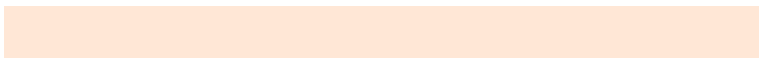
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CEF5EC



EFE9FF



FFE7D6

# Complementary

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



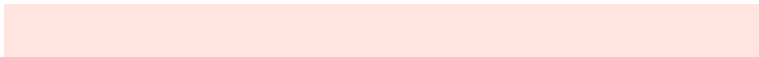
CEF5EC



F5CED7

# 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.



FFE4E0



CEF5EC



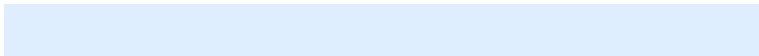
FFE5FB

# Square

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



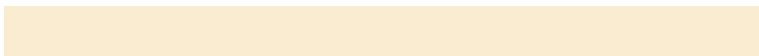
CEF5EC



DEEEFF



FFE4ED



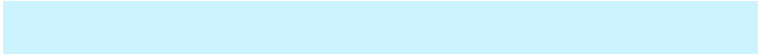
F9ECD1

# Rectangle

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



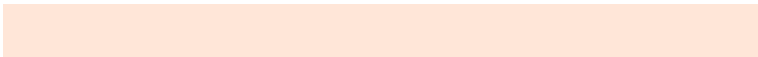
CEF5EC



CDF3FF



FFE4ED



FFE6D8

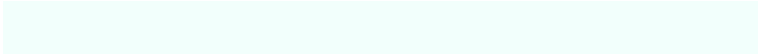


# Sweetspot

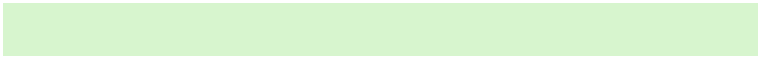
The Sweet Spot groups the original color and five complimentary colors.



CEF5EC



F2FFFC



D7F5CE



78807E



000000



808080

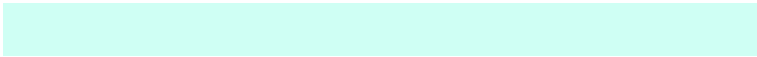


# Same Dimension

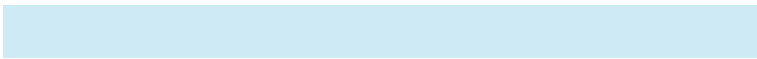
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CEF5EC



CFFFF4



CEEBF5



6E7A78



00BA8F



003B2D



# Inverse Universe

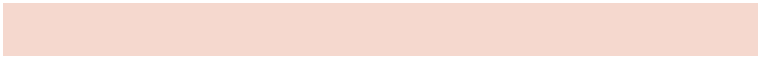
The Inverse Universe completely reimagines the original color for something new.



F5CED7



FFCFDA



F5D8CE



7A6E71



BA002B

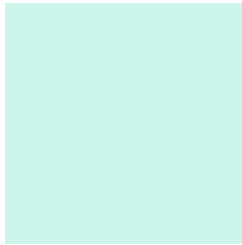


3B000E



# Previews

## White Background



This preview shows how the Hex color CEF5EC looks on a white background.

## Color Contrast Check

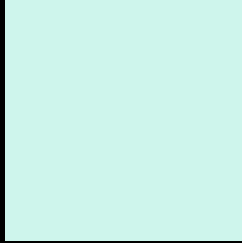
Large Text (above 18pt) WCAG AA × Fail

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 CEF5EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

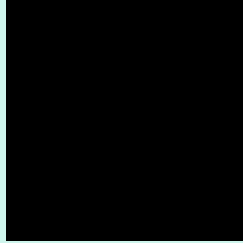
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

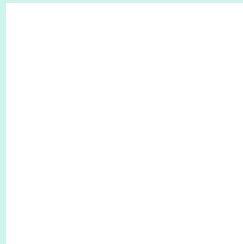
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CEF5EC Background



This preview shows how black text looks on a background with the Hex color CEF5EC.



This preview shows how white text looks on a background with the Hex color CEF5EC.

# 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



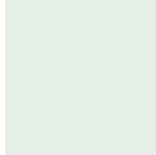


**Tritanopia**  
D9F0FF

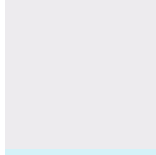
# Trichromacy



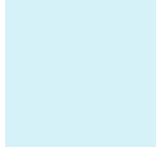
**Original Color**  
CEF5EC



**Protanomaly**  
E5EFE8



**Deuteranomaly**  
EDEBEE

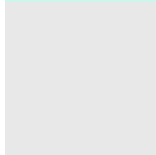


**Tritanomaly**  
D5F2F8

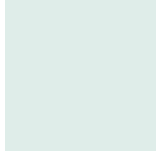
# Monochromacy



**Original Color**  
CEF5EC



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
DFEDE9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CEF5EC 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 #CEF5EC looks like.

```
.text, #text, p{  
    color:#CEF5EC  
}
```

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 #CEF5EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CEF5EC
}
```

## Border

The CSS property to change the border of an element to Hex CEF5EC 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
#CEF5EC }
```

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

```
.border{ border-color:#CEF5EC }
```

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

Here you see how a box with a 4 pixel #CEF5EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CEF5EC; -webkit-box-shadow:4px 4px  
4px 4px #CEF5EC; box-shadow:4px 4px 4px  
4px #CEF5EC }
```

# Background

The CSS property to change the background color of an element to Hex CEF5EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CEF5EC }
```

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

```
.background{ background-color:#CEF5EC }
```

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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