

Converting Colors

Hex(CBF5EC)

Have a look what the booklet for
Hex(CBF5EC) contains.

Hex(CBF5EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CBF5EC)

Conversions

Conversions Part 1

Format	Color
Hex	CBF5EC
RGB	203, 245, 236
RGB Percent	80%, 96%, 93%
CMY	0.2039, 0.0392, 0.0745
CMYK	0.17, 0.00, 0.04, 0.04
HSL	167°, 68%, 88%
HSV	167°, 17%, 96%
XYZ	72.4213, 84.0575, 91.7646
YIQ	231.4160, -22.1430, -11.7030

Conversions

Conversions Part 2

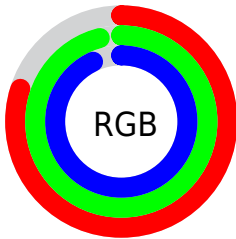
Format	Color
R _Y B	203, 227, 245
Decimal	13366764
CIE Lab	93.48, -15.20, -0.17
CIE LCh	93, 15.197, 180.622
Yxy	84.0575, 0.2917, 0.3386
Android (android.graphics.Color)	4291556844 (0xFFCBF5EC)
YUV	231.4160, 2.2599, -24.9208
Hunter-Lab	91.6829, -19.4458, 4.8351

Details

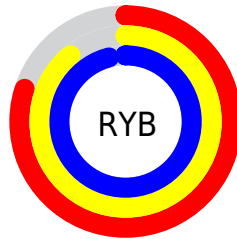
The Hex color **CBF5EC** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F5CBD4**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **94BDB4** is the 20% darker color. If you saturate the color by 10%, you get **B2F5E7**, and if you desaturate by 10%, it is **E3F5F1**.

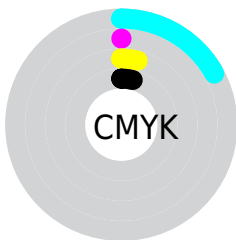
Distribution



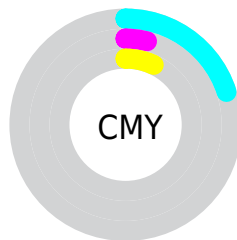
- Red (80%)
- Green (96%)
- Blue (93%)



- Red (80%)
- Yellow (89%)
- Blue (96%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBF5EC 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 CBF5EC by changing the saturation by 10% instead.

 CBF5EC

FFFFFF

 CBF5EC

 AFD9D0

 94BDB4

 7AA299

 618780

 486E67

 30554F

 193E38

 012822

 00150C

 CBF5EC

 CBF5EC

 B2F5E7

 E3F5F1

 9AF5E2

 FCF5F7

 82F5DC

 FFF5FC

 69F5D7

 FFF5FF

 50F5D2

 38F5CD

 1FF5C7

 07F5C2

 00F5C1

Harmonies

Analogous

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



D7F3DD



CBF5EC



C7F4FB

Triad

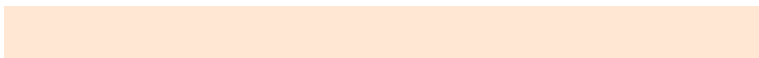
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBF5EC



F0E8FF



FFE7D3

Complementary

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



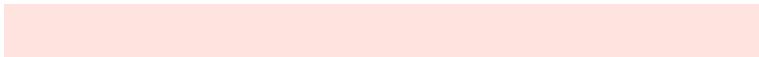
CBF5EC



F5CBD4

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.



FFE3DE



CBF5EC



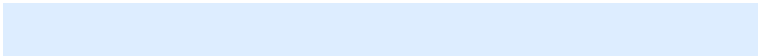
FFE4FB

Square

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



CBF5EC



DDEDFF



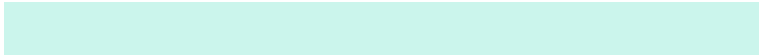
FFE2EC



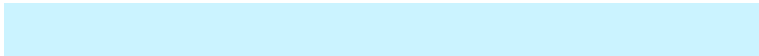
F8EBCF

Rectangle

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



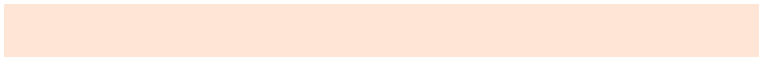
CBF5EC



CBF3FF



FFE2EC



FFE5D6

Sweetspot

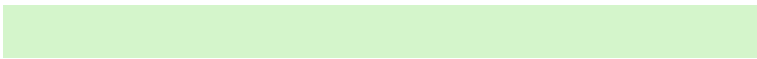
The Sweet Spot groups the original color and five complimentary colors.



CBF5EC



F2FFFC



D4F5CB



78807E



000000



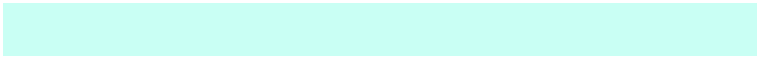
808080

Same Dimension

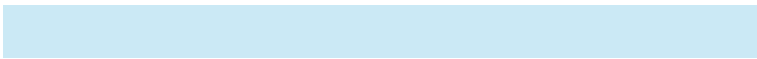
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CBF5EC



C9FFF4



CBE9F5



6E7A78



00BA92



003B2E

Inverse Universe

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



F5CBD4



FFC9D5



F5D7CB



7A6E71



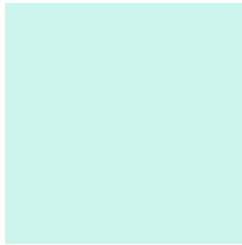
BA0028



3B000D

Previews

White Background



This preview shows how the Hex color CBF5EC looks on a white background.

Color Contrast Check

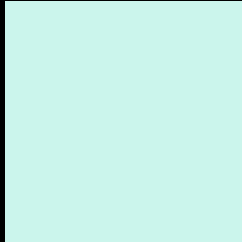
Large Text (above 18pt) WCAG AA × Fail

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 CBF5EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

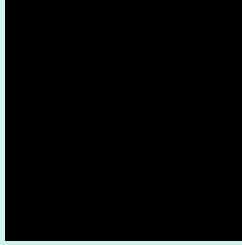
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

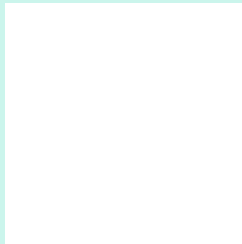
Any Text WCAG AAA ✓ Pass

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

Hex CBF5EC Background



This preview shows how black text looks on a background with the Hex color CBF5EC.



This preview shows how white text looks on a background with the Hex color CBF5EC.

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



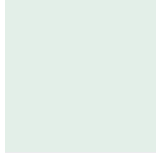


Tritanopia
D7F0FF

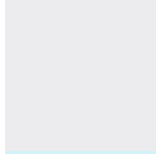
Trichromacy



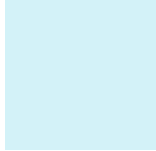
Original Color
CBF5EC



Protanomaly
E3EFE8



Deuteranomaly
ECEBEE

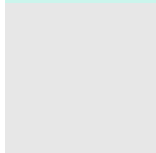


Tritanomaly
D3F2F8

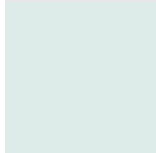
Monochromacy



Original Color
CBF5EC



Achromatopsia
E7E7E7



Achromatomaly
DDECE9

CSS Examples

Text

The CSS property to change the color of the text to Hex CBF5EC 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 #CBF5EC looks like.

```
.text, #text, p{  
    color:#CBF5EC  
}
```

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 #CBF5EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBF5EC
}
```

Border

The CSS property to change the border of an element to Hex CBF5EC 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
#CBF5EC }
```

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

```
.border{ border-color:#CBF5EC }
```

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

Here you see how a box with a 4 pixel #CBF5EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBF5EC; -webkit-box-shadow:4px 4px  
4px 4px #CBF5EC; box-shadow:4px 4px 4px  
4px #CBF5EC }
```

Background

The CSS property to change the background color of an element to Hex CBF5EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBF5EC }
```

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

```
.background{ background-color:#CBF5EC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor