

Converting Colors

Hex(CBF0C7)

Have a look what the booklet for
Hex(CBF0C7) contains.

Hex(CBF0C7)	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(CBF0C7)

Conversions

Conversions Part 1

Format	Color
Hex	CBF0C7
RGB	203, 240, 199
RGB Percent	80%, 94%, 78%
CMY	0.2039, 0.0588, 0.2196
CMYK	0.15, 0.00, 0.17, 0.06
HSL	114°, 58%, 86%
HSV	114°, 17%, 94%
XYZ	66.0975, 79.1402, 65.8247
YIQ	224.2630, -8.8910, -20.5950

Conversions

Conversions Part 2

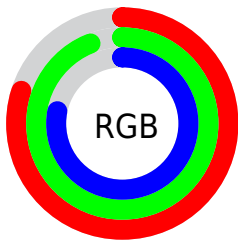
Format	Color
RYB	199, 240, 236
Decimal	13365447
CIELab	91.30, -19.51, 15.88
CIELCh	91, 25.158, 140.846
Yxy	79.1402, 0.3132, 0.3750
Android (android.graphics.Color)	4291555527 (0xFFCBF0C7)
YUV	224.2630, -12.4547, -18.6477
Hunter-Lab	88.9608, -23.0566, 18.4021

Details

The Hex color **CBF0C7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **ECC7F0**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **94B891** is the 20% darker color. If you saturate the color by 10%, you get **B5F0AF**, and if you desaturate by 10%, it is **E1F0DF**.

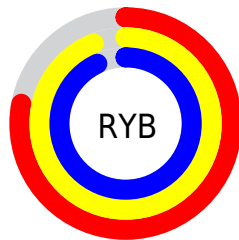
Distribution



Red (80%)

Green (94%)

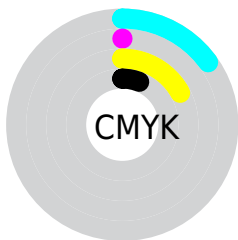
Blue (78%)



Red (78%)

Yellow (94%)

Blue (93%)

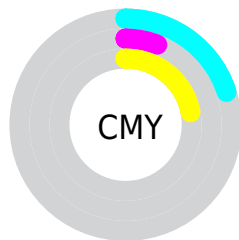


Cyan (15%)

Magenta (0%)

Yellow (17%)

Black (6%)



Cyan (20%)

Magenta (6%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBF0C7 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 CBF0C7 by changing the saturation by 10% instead.

 CBF0C7

FFFFFF

 CBF0C7

 AFD4AC

 94B891

 7A9D77

 61835E

 496947

 315130

 1B3A1B

 062401

 000900

 CBF0C7

 CBF0C7

 B5F0AF

 E1F0DF

 A0F097

 F6F0F7

 8AF07F

 FFF0FF

 74F067

 5FF04F

 49F037

 33F01F

 1EF007

 17F000

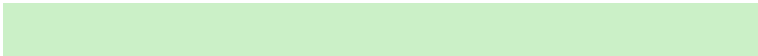
Harmonies

Analogous

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



E7EAB9



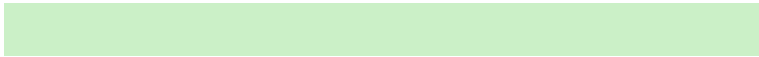
CBF0C7



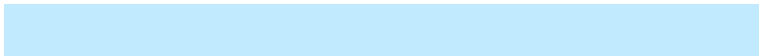
B2F3DE

Triad

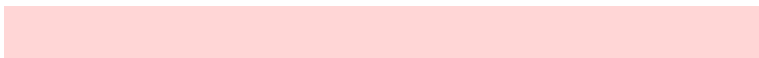
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBF0C7



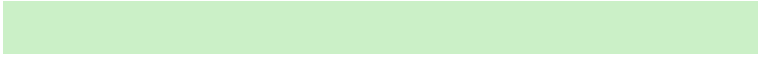
C1EAFF



FFD6D6

Complementary

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



CBF0C7



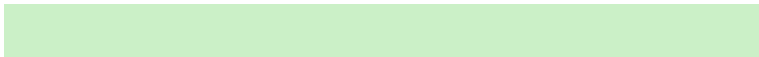
ECC7F0

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.



FFD6EE



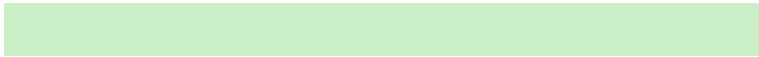
CBF0C7



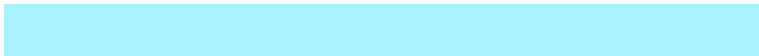
E1E2FF

Square

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



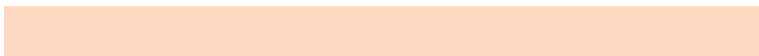
CBF0C7



A9F1FF



FEDBFF



FFDAC2

Rectangle

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



CBF0C7



A7F4EE



FEDBFF



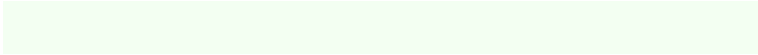
FFD5DE

Sweetspot

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



CBF0C7



F3FFF2



F0ECC7



798078



000000



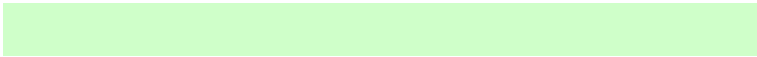
808080

Same Dimension

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



CBF0C7



CFFFC9



C7F0D7



6D786C



12B800



053800

Inverse Universe

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



ECC7F0



FAC9FF



F0C7E0



776C78



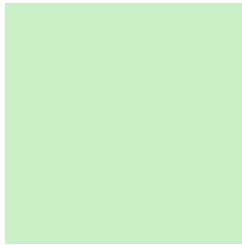
A600B8



330038

Previews

White Background



This preview shows how the Hex color CBF0C7 looks on a white background.

Color Contrast Check

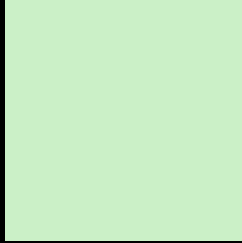
Large Text (above 18pt) WCAG AA × Fail

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 CBF0C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

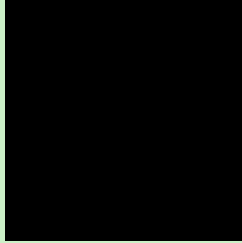
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

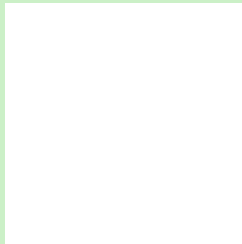
Any Text WCAG AAA ✓ Pass

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

Hex CBF0C7 Background



This preview shows how black text looks on a background with the Hex color CBF0C7.

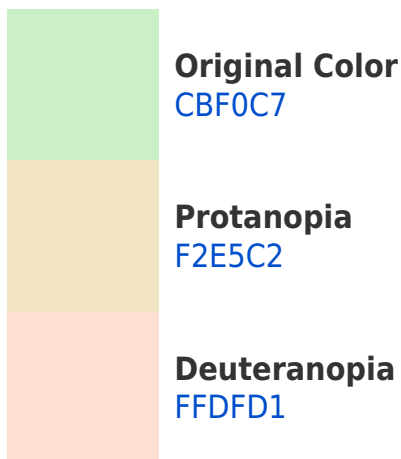


This preview shows how white text looks on a background with the Hex color CBF0C7.

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



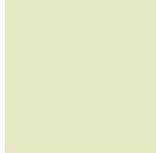


Tritanopia
D4E9FB

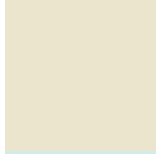
Trichromacy



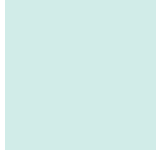
Original Color
CBF0C7



Protanomaly
E4E9C4



Deuteranomaly
ECE5CD

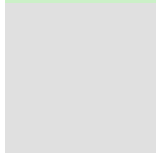


Tritanomaly
D1ECE8

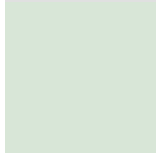
Monochromacy



Original Color
CBF0C7



Achromatopsia
E0E0E0



Achromatomaly
D8E6D7

CSS Examples

Text

The CSS property to change the color of the text to Hex CBF0C7 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 #CBF0C7 looks like.

```
.text, #text, p{  
    color:#CBF0C7  
}
```

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 #CBF0C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBF0C7
}
```

Border

The CSS property to change the border of an element to Hex CBF0C7 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
#CBF0C7 }
```

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

```
.border{ border-color:#CBF0C7 }
```

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

Here you see how a box with a 4 pixel #CBF0C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBF0C7; -webkit-box-shadow:4px 4px  
4px 4px #CBF0C7; box-shadow:4px 4px 4px  
4px #CBF0C7 }
```

Background

The CSS property to change the background color of an element to Hex CBF0C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBF0C7 }
```

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

```
.background{ background-color:#CBF0C7 }
```

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