

# Converting Colors

Hex(CBEABF)

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

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# **Color**

**Hex(CBEABF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBEABF
RGB	203, 234, 191
RGB Percent	80%, 92%, 75%
CMY	0.2039, 0.0824, 0.2510
CMYK	0.13, 0.00, 0.18, 0.08
HSL	103°, 51%, 83%
HSV	103°, 18%, 92%
XYZ	63.4554, 75.3037, 60.4808
YIQ	219.8290, -4.6730, -19.9450

# Conversions

## Conversions Part 2

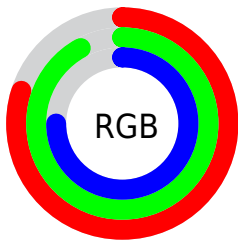
<b>Format</b>	<b>Color</b>
<b>RYB</b>	191, 234, 222
Decimal	13363903
CIELab	89.54, -17.89, 17.55
CIELCh	90, 25.065, 135.553
Yxy	75.3037, 0.3185, 0.3780
Android (android.graphics.Color)	4291553983 (0xFFCBEABF)
YUV	219.8290, -14.2127, -14.7590
Hunter-Lab	86.7777, -21.3346, 19.4215

# Details

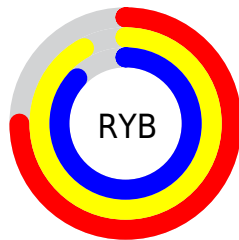
The Hex color **CBEABF** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DEBFEA**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF7**, and **95B289** is the 20% darker color. If you saturate the color by 10%, you get **BAEAA8**, and if you desaturate by 10%, it is **DCEAD6**.

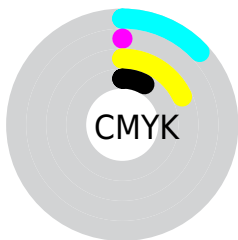
# Distribution



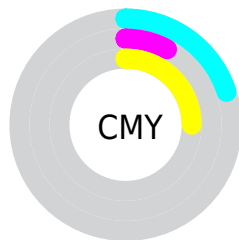
- Red (80%)
- Green (92%)
- Blue (75%)



- Red (75%)
- Yellow (92%)
- Blue (87%)



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



 CBEABF

FFFFFF


 FFFFF7

 CBEABF

 AFCEA4

 95B289

 7A9770

 617D57

 496440

 324C29

 1B3514

 062000

 000000

 CBEABF

 CBEABF

 BAEAA8

 DCEAD6

 A9EA90

 EDEAEE

 98EA79

 FEEAFF

 88EA61

 FFEAFF

 77EA4A

 66EA33

 55EA1B

 44EA04

 41EA00

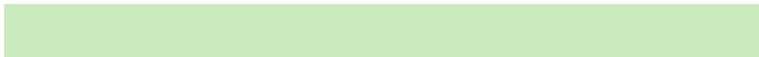
# Harmonies

## Analogous

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



E6E3B3



CBEABF



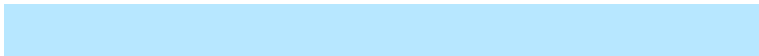
B1EED4

# Triad

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



CBEABF



B7E7FF



FFD0D5

# Complementary

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



CBEABF



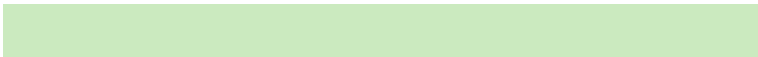
DEBFEA

# 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.



FFD1EE



CBEABF



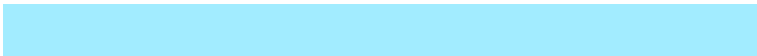
D6DFFF

# Square

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



CBEABF



A2ECFF



F4D7FF



FFD4C0

# Rectangle

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



CBEABF



A5EFE5



F4D7FF



FFD0DD



# Sweetspot

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



CBEABF



F4FFF0



EADEBF



798077



000000



808080

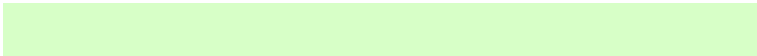


# Same Dimension

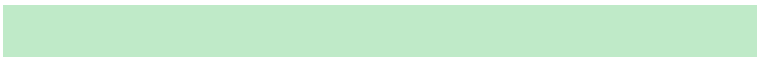
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CBEABF



D7FFC7



BFEAC8



6D756A



33B500



0F3600



# Inverse Universe

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



DEBFEA



EFC7FF



EABFE1



726A75



8300B5

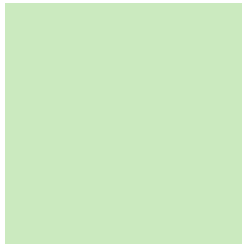


270036



# Previews

## White Background



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

## Color Contrast Check

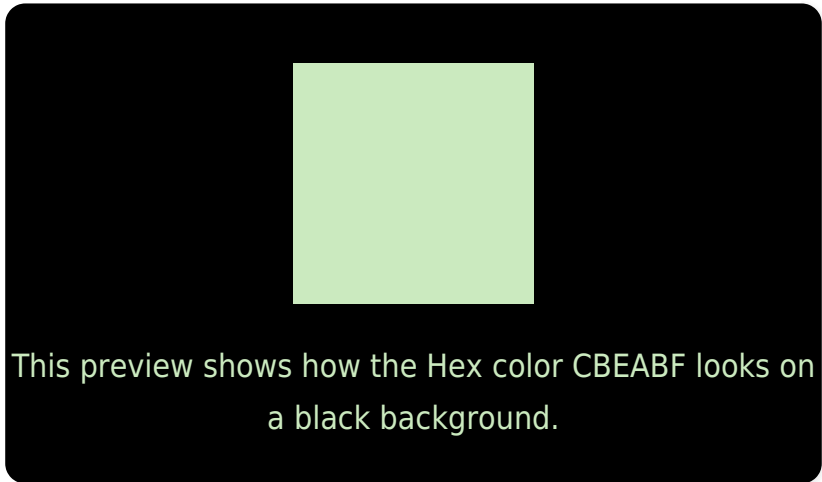
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

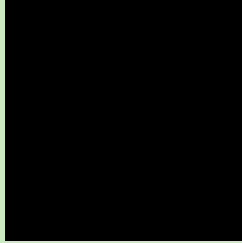
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

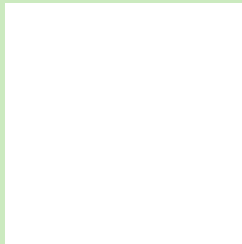
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBEABF Background



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

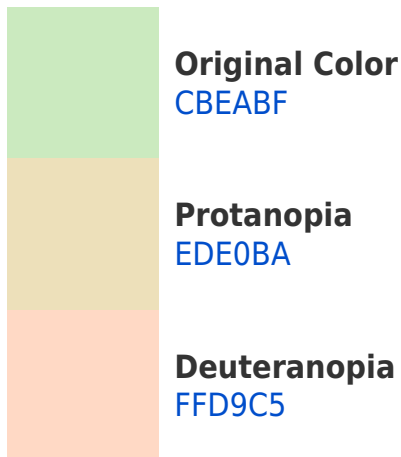


This preview shows how white text looks on a background with the Hex color CBEABF.

# 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](#).

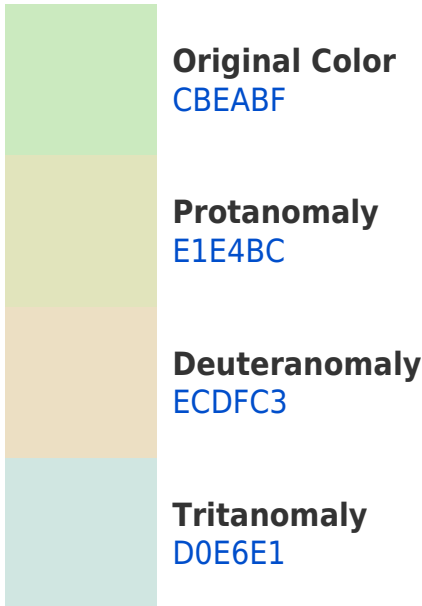
## Dichromacy



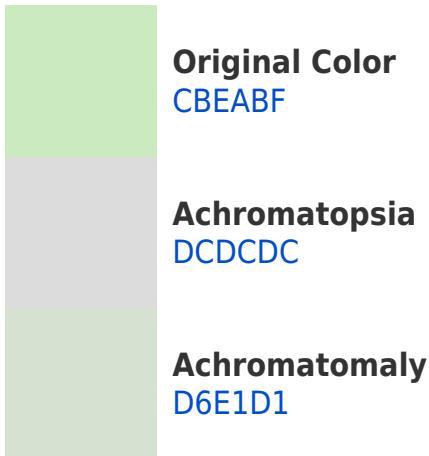


**Tritanopia**  
D3E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CBEABF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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