

Converting Colors

Hex(C3EEB0)

Have a look what the booklet for
Hex(C3EEB0) contains.

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Color

Hex(C3EEB0)

Conversions

Conversions Part 1

Format	Color
Hex	C3EEB0
RGB	195, 238, 176
RGB Percent	76%, 93%, 69%
CMY	0.2353, 0.0667, 0.3098
CMYK	0.18, 0.00, 0.26, 0.07
HSL	102°, 65%, 81%
HSV	102°, 26%, 93%
XYZ	60.9167, 75.8858, 52.5111
YIQ	218.0750, -5.7260, -28.3980

Conversions

Conversions Part 2

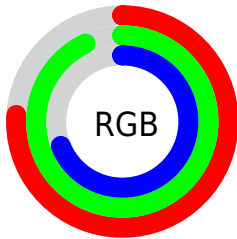
Format	Color
RYB	176, 238, 219
Decimal	12840624
CIELab	89.81, -24.97, 25.58
CIElCh	90, 35.749, 134.305
Yxy	75.8858, 0.3218, 0.4008
Android (android.graphics.Color)	4291030704 (0xFFC3EEB0)
YUV	218.0750, -20.7430, -20.2368
Hunter-Lab	87.1124, -27.6238, 25.2389

Details

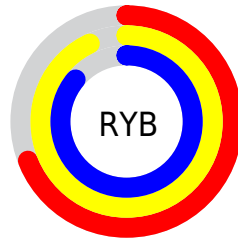
The Hex color **C3EEB0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DBB0EE**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FCFFE8**, and **8DB67B** is the 20% darker color. If you saturate the color by 10%, you get **B2EE98**, and if you desaturate by 10%, it is **D4EEC8**.

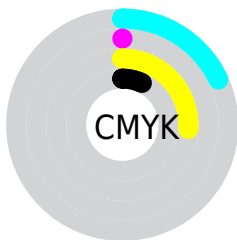
Distribution



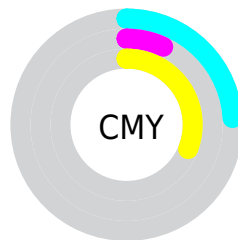
- Red (76%)
- Green (93%)
- Blue (69%)



- Red (69%)
- Yellow (93%)
- Blue (86%)



- Cyan (18%)
- Magenta (0%)
- Yellow (26%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3EEB0 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 C3EEB0 by changing the saturation by 10% instead.

 C3EEB0

FFFFFF

 FCFFE8

 C3EEB0

 A7D295

 8DB67B

 729B62

 59814A

 406832

 284F1C

 103804

 002300

 000000

 C3EEB0

 C3EEB0

 B2EE98

 D4EEC8

 A2EE80

 E4EEEE0

 91EE69

 F5EEF7

 81EE51

 FFEEFF

 70EE39

 60EE21

 4FEE09

 49EE00

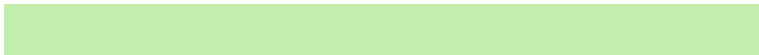
Harmonies

Analogous

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



E9E59F



C3EEB0



9CF3CE

Triad

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



C3EEB0



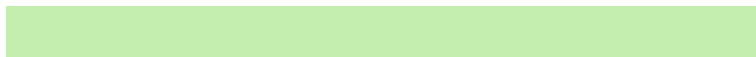
9CEAFF



FFC9D2

Complementary

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



C3EEB0



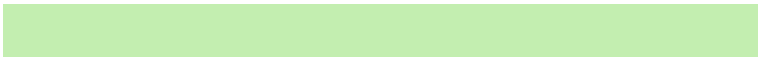
DBB0EE

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.



FFCBF5



C3EEB0



CEDFFF

Square

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



C3EEB0



7AF2FF



FBD3FF



FFCFB4

Rectangle

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



C3EEB0



85F5E6



FBD3FF



FFC8DE

Sweetspot

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



C3EEB0



F1FFEB



EEDAB0



778073



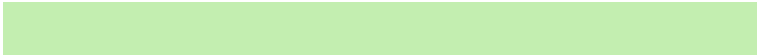
000000



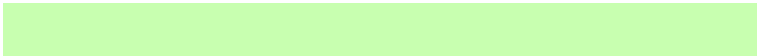
808080

Same Dimension

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



C3EEB0



C8FFB0



B0EEBB



70786C



38B800



113800

Inverse Universe

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



DBB0EE



E7B0FF



EEB0E3



746C78



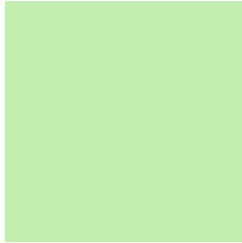
7F00B8



270038

Previews

White Background



This preview shows how the Hex color C3EEB0 looks on a white background.

Color Contrast Check

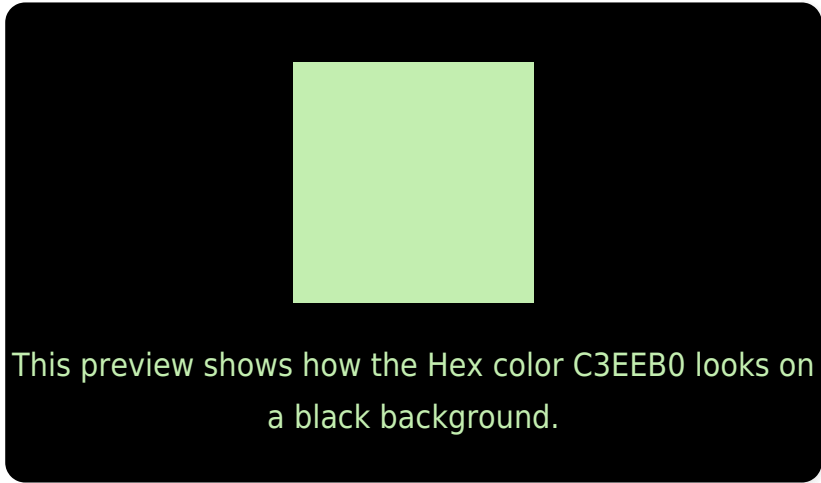
Large Text (above 18pt) WCAG AA × Fail

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

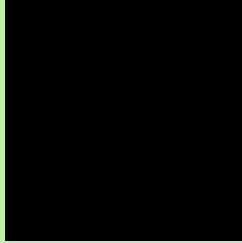
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

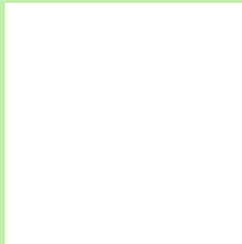
Any Text WCAG AAA ✓ Pass

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

Hex C3EEB0 Background



This preview shows how black text looks on a background with the Hex color C3EEB0.

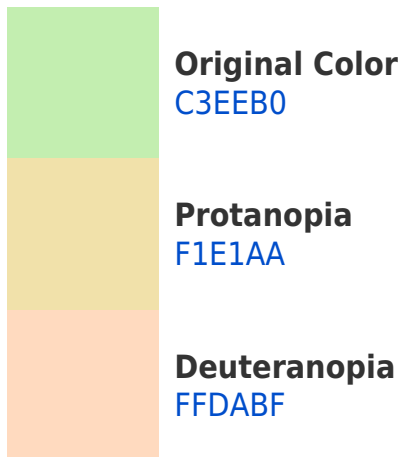


This preview shows how white text looks on a background with the Hex color C3EEB0.

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



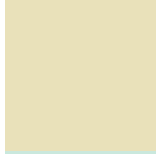
Trichromacy



Original Color
C3EEB0



Protanomaly
E0E6AC



Deuteranomaly
E9E1BA

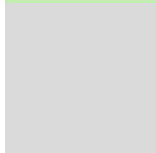


Tritanomaly
CAE8DD

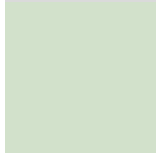
Monochromacy



Original Color
C3EEB0



Achromatopsia
DADADA



Achromatomaly
D2E1CB

CSS Examples

Text

The CSS property to change the color of the text to Hex C3EEB0 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 #C3EEB0 looks like.

```
.text, #text, p{  
    color:#C3EEB0  
}
```

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 #C3EEB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3EEB0
}
```

Border

The CSS property to change the border of an element to Hex C3EEB0 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
#C3EEB0 }
```

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

```
.border{ border-color:#C3EEB0 }
```

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

Here you see how a box with a 4 pixel #C3EEB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3EEB0; -webkit-box-shadow:4px 4px  
4px 4px #C3EEB0; box-shadow:4px 4px 4px  
4px #C3EEB0 }
```

Background

The CSS property to change the background color of an element to Hex C3EEB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3EEB0 }
```

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

```
.background{ background-color:#C3EEB0 }
```

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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