

# Converting Colors

Hex(C4EBC3)

Have a look what the booklet for  
Hex(C4EBC3) contains.

<b>Hex(C4EBC3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C4EBC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4EBC3
RGB	196, 235, 195
RGB Percent	77%, 92%, 76%
CMY	0.2314, 0.0784, 0.2353
CMYK	0.17, 0.00, 0.17, 0.08
HSL	118°, 50%, 84%
HSV	118°, 17%, 92%
XYZ	62.3236, 75.0926, 62.8393
YIQ	218.7790, -10.4040, -20.7080

# Conversions

## Conversions Part 2

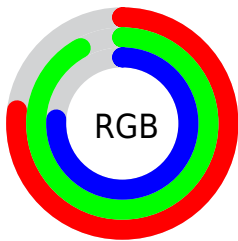
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 235, 234
Decimal	12905411
CIELab	89.44, -20.08, 15.27
CIELCh	89, 25.229, 142.748
Yxy	75.0926, 0.3112, 0.3750
Android (android.graphics.Color)	4291095491 (0xFFC4EBC3)
YUV	218.7790, -11.7230, -19.9772
Hunter-Lab	86.6560, -23.2694, 17.6646

# Details

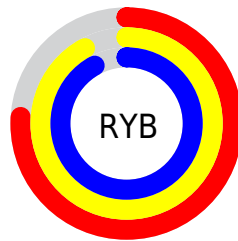
The Hex color **C4EBC3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EAC3EB**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FDFFFC**, and **8EB38D** is the 20% darker color. If you saturate the color by 10%, you get **ADEBAB**, and if you desaturate by 10%, it is **DBEBDB**.

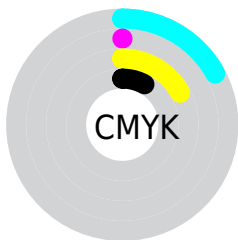
# Distribution



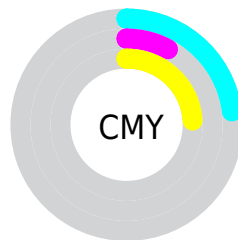
- Red (77%)
- Green (92%)
- Blue (76%)



- Red (76%)
- Yellow (92%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (8%)



- Cyan (23%)
- Magenta (8%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4EBC3 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 C4EBC3 by changing the saturation by 10% instead.



 C4EBC3

FFFFFF

 FDFFFC

 C4EBC3

 A9CFA8

 8EB38D

 749874

 5B7E5B

 436543

 2B4D2D

 143618

 002100

 000000

 C4EBC3

 C4EBC3

 ADEBAB

 DBEBDB

 96EB94

 F2EBF2

 7FEB7C

 FFEBFF

 68EB65

 51EB4E

 3BEB36

 24EB1F

 0DEB07

 06EB00

# Harmonies

## Analogous

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



E0E5B4



C4EBC3



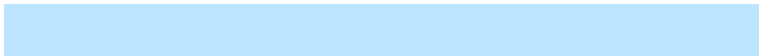
ACEEDA

# Triad

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



C4EBC3



BDE5FF



FFD0CF

# Complementary

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



C4EBC3



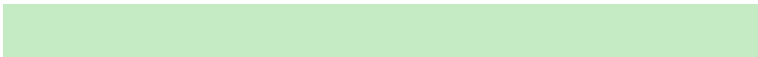
EAC3EB

# 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.



FFD0E8



C4EBC3



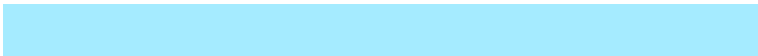
DDDDFF

# Square

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



C4EBC3



A5EBFF



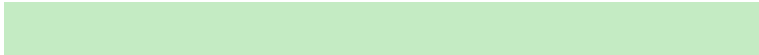
FAD5FE



FFD5BB

# Rectangle

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



C4EBC3



A1EFEA



FAD5FE



FFD0D7



# Sweetspot

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



C4EBC3



F3FFF2



EBEAC3



788078



000000

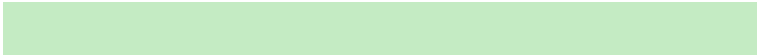


808080

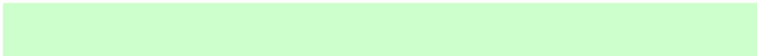


# Same Dimension

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



C4EBC3



CDFCC



C3EBD6



6A756A



05B500



013600



# Inverse Universe

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



EAC3EB



FECCFF



EBC3D8



756A75



B100B5

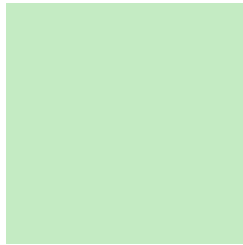


340036



# Previews

## White Background



This preview shows how the Hex color C4EBC3 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 C4EBC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

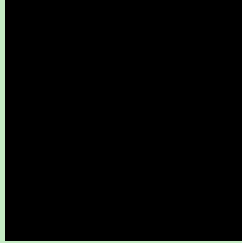
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

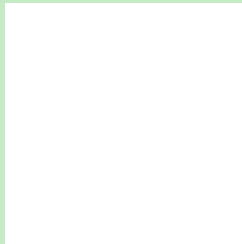
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4EBC3 Background



This preview shows how black text looks on a background with the Hex color C4EBC3.

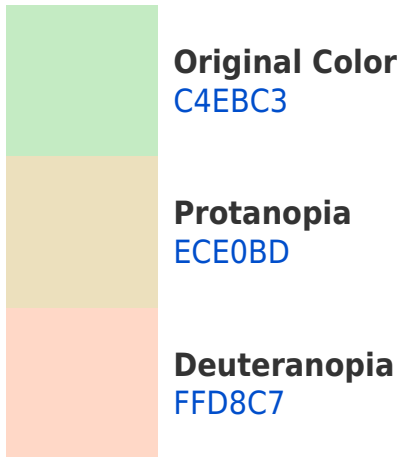


This preview shows how white text looks on a background with the Hex color C4EBC3.

# 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



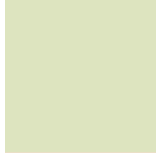


**Tritanopia**  
CDE4F6

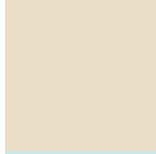
# Trichromacy



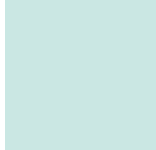
**Original Color**  
C4EBC3



**Protanomaly**  
DDE4BF



**Deuteranomaly**  
EADFC6

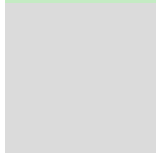


**Tritanomaly**  
CAE7E3

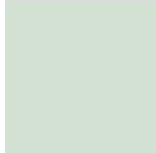
# Monochromacy



**Original Color**  
C4EBC3



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
D3E1D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4EBC3 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 #C4EBC3 looks like.

```
.text, #text, p{  
    color:#C4EBC3  
}
```

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 #C4EBC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4EBC3
}
```

## Border

The CSS property to change the border of an element to Hex C4EBC3 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
#C4EBC3 }
```

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

```
.border{ border-color:#C4EBC3 }
```

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

Here you see how a box with a 4 pixel #C4EBC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4EBC3; -webkit-box-shadow:4px 4px  
4px 4px #C4EBC3; box-shadow:4px 4px 4px  
4px #C4EBC3 }
```

# Background

The CSS property to change the background color of an element to Hex C4EBC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4EBC3 }
```

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

```
.background{ background-color:#C4EBC3 }
```

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