

Converting Colors

Hex(C7EBA0)

Have a look what the booklet for
Hex(C7EBA0) contains.

| | |
|--|----|
| Hex(C7EBA0) | 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(C7EBA0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C7EBA0 |
| RGB | 199, 235, 160 |
| RGB Percent | 78%, 92%, 63% |
| CMY | 0.2196, 0.0784, 0.3725 |
| CMYK | 0.15, 0.00, 0.32, 0.08 |
| HSL | 89°, 65%, 77% |
| HSV | 89°, 32%, 92% |
| XYZ | 59.6067, 74.0968, 44.4182 |
| YIQ | 215.6860, 2.6190, -30.9570 |

Conversions

Conversions Part 2

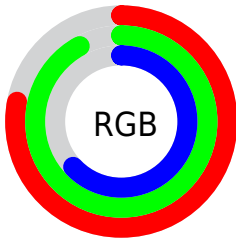
| Format | Color |
|-------------------------------------|--|
| RYB | 160, 235, 196 |
| Decimal | 13101984 |
| CIELab | 88.97, -24.47, 32.65 |
| CIELCh | 89, 40.802, 126.851 |
| Yxy | 74.0968, 0.3346, 0.4160 |
| Android (android.graphics.Color) | 4291292064 (0xFFC7EBA0) |
| YUV | 215.6860, -27.4532, -14.6336 |
| Hunter-Lab | 86.0795, -27.0349, 29.6612 |

Details

The Hex color **C7EBA0** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C4A0EB**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFD7**, and **90B36C** is the 20% darker color. If you saturate the color by 10%, you get **BCEB89**, and if you desaturate by 10%, it is **D2EBB7**.

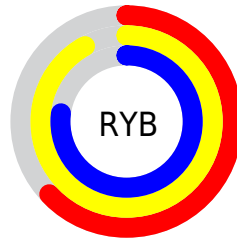
Distribution



Red (78%)

Green (92%)

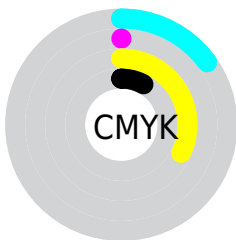
Blue (63%)



Red (63%)

Yellow (92%)

Blue (77%)

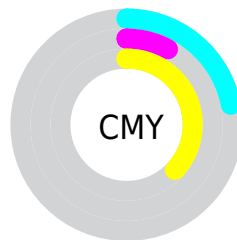


Cyan (15%)

Magenta (0%)

Yellow (32%)

Black (8%)



Cyan (22%)

Magenta (8%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7EBA0 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 C7EBA0 by changing the saturation by 10% instead.

 C7EBA0

FFFFFF

 FFFFD7

 FFFFF4

 C7EBA0

 ABCF85

 90B36C

 769853

 5C7E3B

 436523

 2B4D0A

 153600

 002100

 000000

 C7EBA0

 C7EBA0

 BCEB89

 D2EBB7

 B0EB71

 DEEBCF

 A5EB59

 E9EBE7

 9AEB42

 F4EBFE

 8FEB2A

 FFEBFF

 83EB13

 7AEB00

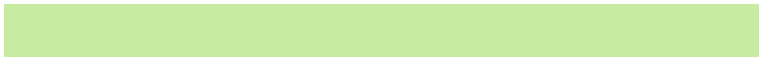
Harmonies

Analogous

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



F1E092



C7EBA0



99F2C0

Triad

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



C7EBA0



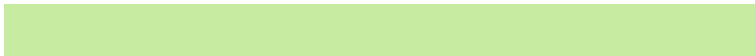
7CECFF



FFC2D8

Complementary

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



C7EBA0



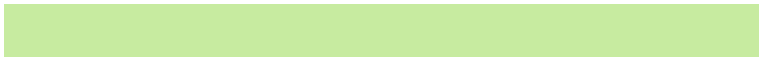
C4A0EB

Split Complementary

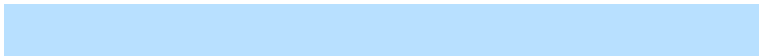
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6FF



C7EBA0



B8E0FF

Square

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



C7EBA0



57F3FF



F0D2FF



FFC7B3

Rectangle

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



C7EBA0



7AF4DA



F0D2FF



FFC2E5

Sweetspot

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



C7EBA0



F3FFE6



EBC3A0



788070



000000



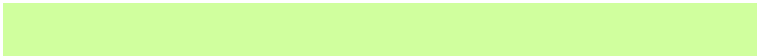
808080

Same Dimension

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



C7EBA0



D0FF9E



A3EBA0



70756A



5EB500



1C3600

Inverse Universe

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



C4A0EB



CD9EFF



E9A0EB



6F6A75



5700B5



1A0036

Previews

White Background



This preview shows how the Hex color C7EBA0 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 C7EBA0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

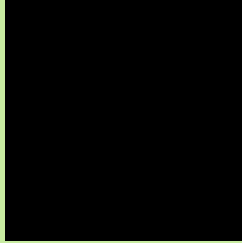
Any Text WCAG AA ✓ Pass

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 C7EBA0 Background



This preview shows how black text looks on a background with the Hex color C7EBA0.

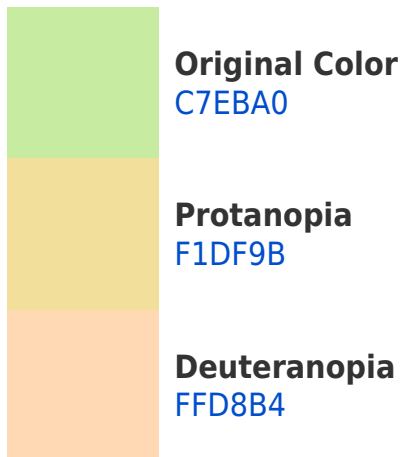


This preview shows how white text looks on a background with the Hex color C7EBA0.

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
D3E1F2

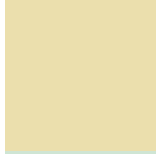
Trichromacy



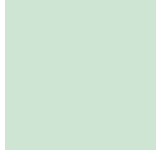
Original Color
C7EBA0



Protanomaly
E2E39D



Deuteranomaly
EBDFAD

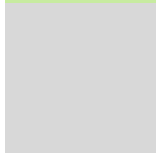


Tritanomaly
CFE5D4

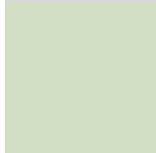
Monochromacy



Original Color
C7EBA0



Achromatopsia
D8D8D8



Achromatomaly
D2DFC4

CSS Examples

Text

The CSS property to change the color of the text to Hex C7EBA0 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 #C7EBA0 looks like.

```
.text, #text, p{  
    color:#C7EBA0  
}
```

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 #C7EBA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7EBA0  
}
```

Border

The CSS property to change the border of an element to Hex C7EBA0 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  
#C7EBA0 }
```

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

```
.border{ border-color:#C7EBA0 }
```

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

Here you see how a box with a 4 pixel #C7EBA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7EBA0; -webkit-box-shadow:4px 4px  
4px 4px #C7EBA0; box-shadow:4px 4px 4px  
4px #C7EBA0 }
```

Background

The CSS property to change the background color of an element to Hex C7EBA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7EBA0 }
```

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

```
.background{ background-color:#C7EBA0 }
```

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