

Converting Colors

Hex(C7E8AB)

Have a look what the booklet for
Hex(C7E8AB) contains.

Hex(C7E8AB)	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(C7E8AB)

Conversions

Conversions Part 1

Format	Color
Hex	C7E8AB
RGB	199, 232, 171
RGB Percent	78%, 91%, 67%
CMY	0.2196, 0.0902, 0.3294
CMYK	0.14, 0.00, 0.26, 0.09
HSL	92°, 57%, 79%
HSV	92°, 26%, 91%
XYZ	59.7605, 72.7956, 49.4293
YIQ	215.1790, -0.0870, -25.9670

Conversions

Conversions Part 2

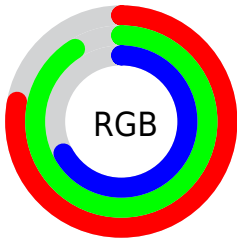
Format	Color
RYB	171, 232, 204
Decimal	13101227
CIELab	88.35, -21.44, 26.20
CIElCh	88, 33.856, 129.289
Yxy	72.7956, 0.3284, 0.4000
Android (android.graphics.Color)	4291291307 (0xFFC7E8AB)
YUV	215.1790, -21.7802, -14.1890
Hunter-Lab	85.3203, -24.2848, 25.3753

Details

The Hex color **C7E8AB** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **CCABE8**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFE3**, and **90B076** is the 20% darker color. If you saturate the color by 10%, you get **BAE894**, and if you desaturate by 10%, it is **D4E8C2**.

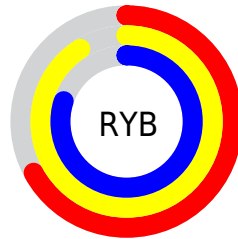
Distribution



Red (78%)

Green (91%)

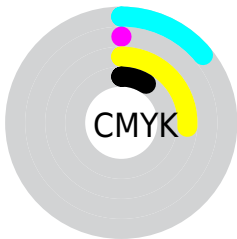
Blue (67%)



Red (67%)

Yellow (91%)

Blue (80%)

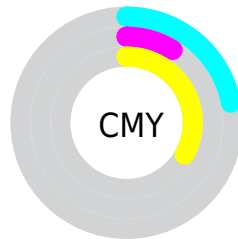


Cyan (14%)

Magenta (0%)

Yellow (26%)

Black (9%)



Cyan (22%)

Magenta (9%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7E8AB 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 C7E8AB by changing the saturation by 10% instead.

 C7E8AB

 C7E8AB

FFFFFF

 ABCC90

 FFFFE3

 90B076

 76965D

 5D7C45

 44632E

 2D4B18

 163400

 001F00

 000000

 C7E8AB

 C7E8AB

 BAE894

 D4E8C2

 AEE87D

 E0E8D9

 A1E865

 EDE8F1

 95E84E

 F9E8FF

 88E837

 FFE8FF

 7CE820

 6FE809

 6AE800

Harmonies

Analogous

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



E8DF9E



C7E8AB



A2EEC6

Triad

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



C7E8AB



96E7FF



FFC6D5

Complementary

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



C7E8AB



CCABE8

Split Complementary

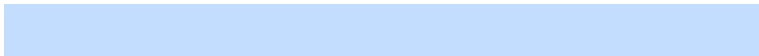
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC9F5



C7E8AB



C3DDFF

Square

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



C7E8AB



7BEEFF



EFD2FF



FFCAB6

Rectangle

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



C7E8AB



8CF0DC



EFD2FF



FFC6E0

Sweetspot

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



C7E8AB



F4FFE8



E8CCAB



798073



000000



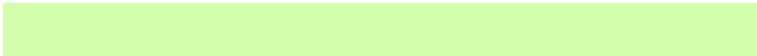
808080

Same Dimension

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



C7E8AB



D3FFAD



ABE8AD



6D7367



52B300



173300

Inverse Universe

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



CCABE8



DAADFF



E8ABE6



6D6773



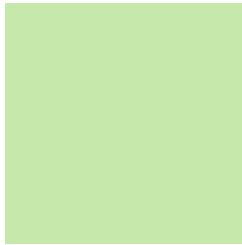
6100B3



1C0033

Previews

White Background



This preview shows how the Hex color C7E8AB 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 C7E8AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

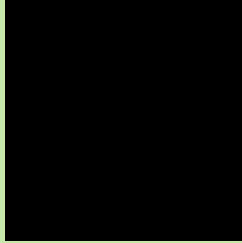
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

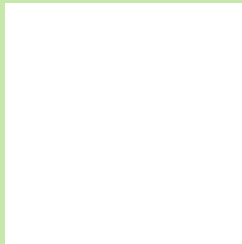
Any Text WCAG AAA ✓ Pass

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

Hex C7E8AB Background



This preview shows how black text looks on a background with the Hex color C7E8AB.

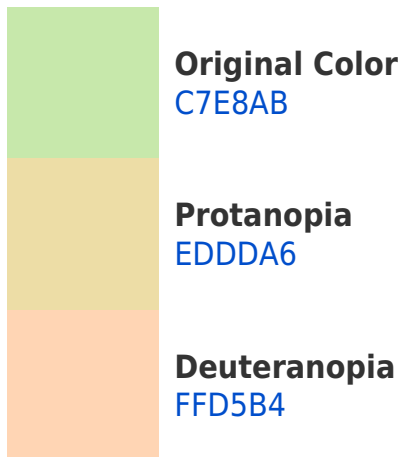


This preview shows how white text looks on a background with the Hex color C7E8AB.

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](#).

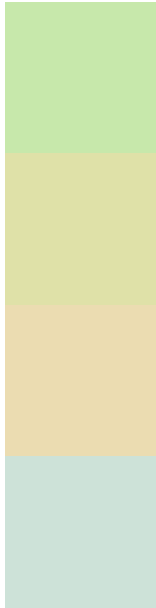
Dichromacy





Tritanopia
D1DFF1

Trichromacy



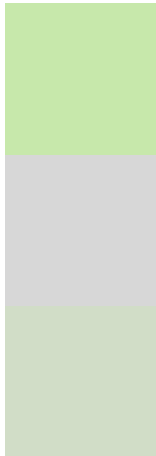
Original Color
C7E8AB

Protanomaly
DFE1A8

Deuteranomaly
EBDCB1

Tritanomaly
CDE2D8

Monochromacy



Original Color
C7E8AB

Achromatopsia
D7D7D7

Achromatomaly
D1DDC7

CSS Examples

Text

The CSS property to change the color of the text to Hex C7E8AB 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 #C7E8AB looks like.

```
.text, #text, p{  
    color:#C7E8AB  
}
```

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 #C7E8AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E8AB
}
```

Border

The CSS property to change the border of an element to Hex C7E8AB 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
#C7E8AB }
```

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

```
.border{ border-color:#C7E8AB }
```

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

Here you see how a box with a 4 pixel #C7E8AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E8AB; -webkit-box-shadow:4px 4px  
4px 4px #C7E8AB; box-shadow:4px 4px 4px  
4px #C7E8AB }
```

Background

The CSS property to change the background color of an element to Hex C7E8AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E8AB }
```

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

```
.background{ background-color:#C7E8AB }
```

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