

# Converting Colors

Hex(C7E7AB)

Have a look what the booklet for  
Hex(C7E7AB) contains.

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**Color**

**Hex(C7E7AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E7AB
RGB	199, 231, 171
RGB Percent	78%, 91%, 67%
CMY	0.2196, 0.0941, 0.3294
CMYK	0.14, 0.00, 0.26, 0.09
HSL	92°, 56%, 79%
HSV	92°, 26%, 91%
XYZ	59.4798, 72.2342, 49.3358
YIQ	214.5920, 0.1880, -25.4440

# Conversions

## Conversions Part 2

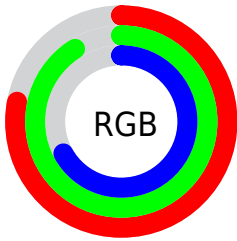
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 231, 203
Decimal	13100971
CIELab	88.08, -20.95, 25.84
CIElCh	88, 33.264, 129.039
Yxy	72.2342, 0.3285, 0.3990
Android (android.graphics.Color)	4291291051 (0xFFC7E7AB)
YUV	214.5920, -21.4909, -13.6742
Hunter-Lab	84.9907, -23.8126, 25.0766

# Details

The Hex color **C7E7AB** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **CBABE7**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFE3**, and **90AF76** is the 20% darker color. If you saturate the color by 10%, you get **BBE794**, and if you desaturate by 10%, it is **D3E7C2**.

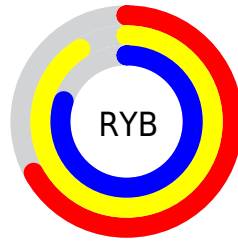
# Distribution



Red (78%)

Green (91%)

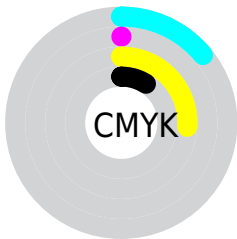
Blue (67%)



Red (67%)

Yellow (91%)

Blue (80%)

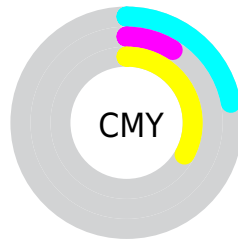


Cyan (14%)

Magenta (0%)

Yellow (26%)

Black (9%)



Cyan (22%)

Magenta (9%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E7AB 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 C7E7AB by changing the saturation by 10% instead.



 C7E7AB

FFFFFF

 FFFFE3

 C7E7AB

 ABCB90

 90AF76

 76955D

 5D7B45

 45622E

 2D4A18

 173300

 001F00

 000000

 C7E7AB

 C7E7AB

 BBE794

 D3E7C2

 AEE77D

 E0E7D9

 A2E766

 ECE7F0

 96E74F

 F8E7FF

 89E737

 FFE7FF

 7DE720

 71E709

 6CE700

# Harmonies

## Analogous

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



EADE9E



C7E7AB



A3EDC5

# Triad

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



C7E7AB



97E6FF



FFC6D4

# Complementary

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



C7E7AB



CBABE7

# Split Complementary

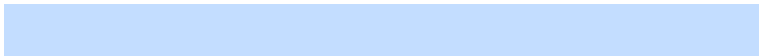
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC9F4



C7E7AB



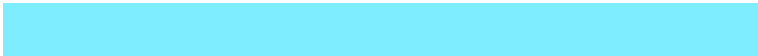
C3DDFF

# Square

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



C7E7AB



7DEDFE



EED1FF



FFCAB7

# Rectangle

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



C7E7AB



8DEFDB



EED1FF



FFC6DF



# Sweetspot

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



C7E7AB



F4FFE8



E7CBAB



798073



000000



808080

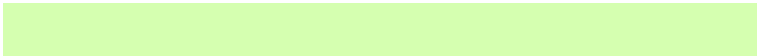


# Same Dimension

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



C7E7AB



D5FFB0



ABE7AD



6D7367



53B300



183300



# Inverse Universe

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



CBABE7



DAB0FF



E7ABE5



6D6773



5F00B3

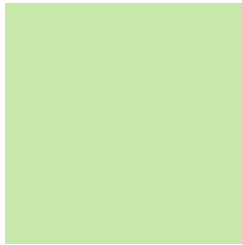


1B0033



# Previews

## White Background



This preview shows how the Hex color C7E7AB looks on a white background.

## Color Contrast Check

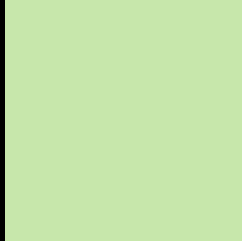
Large Text (above 18pt) WCAG AA × Fail

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 C7E7AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

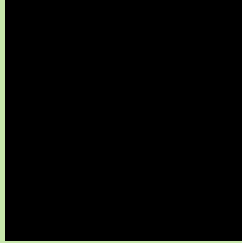
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

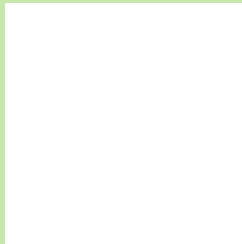
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7E7AB Background



This preview shows how black text looks on a background with the Hex color C7E7AB.

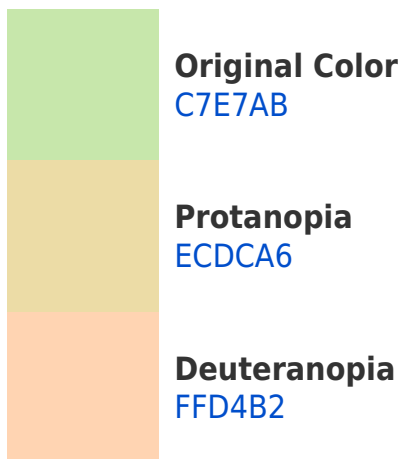


This preview shows how white text looks on a background with the Hex color C7E7AB.

# 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



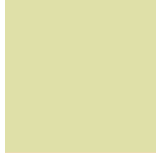


**Tritanopia**  
D1DEF0

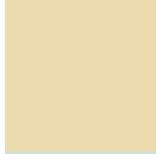
# Trichromacy



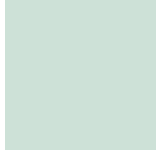
**Original Color**  
C7E7AB



**Protanomaly**  
DFE0A8



**Deuteranomaly**  
EBDBAF

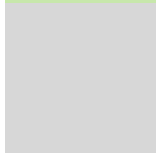


**Tritanomaly**  
CDE1D7

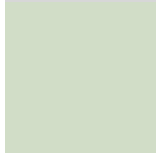
# Monochromacy



**Original Color**  
C7E7AB



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
D1DDC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E7AB 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 #C7E7AB looks like.

```
.text, #text, p{  
    color:#C7E7AB  
}
```

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 #C7E7AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E7AB  
}
```

## Border

The CSS property to change the border of an element to Hex C7E7AB 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  
#C7E7AB }
```

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

```
.border{ border-color:#C7E7AB }
```

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

Here you see how a box with a 4 pixel #C7E7AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E7AB; -webkit-box-shadow:4px 4px  
4px 4px #C7E7AB; box-shadow:4px 4px 4px  
4px #C7E7AB }
```

# Background

The CSS property to change the background color of an element to Hex C7E7AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E7AB }
```

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

```
.background{ background-color:#C7E7AB }
```

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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