

Converting Colors

Hex(C1E7B5)

Have a look what the booklet for
Hex(C1E7B5) contains.

Hex(C1E7B5)	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(C1E7B5)

Conversions

Conversions Part 1

Format	Color
Hex	C1E7B5
RGB	193, 231, 181
RGB Percent	76%, 91%, 71%
CMY	0.2431, 0.0941, 0.2902
CMYK	0.16, 0.00, 0.22, 0.09
HSL	106°, 51%, 81%
HSV	106°, 22%, 91%
XYZ	58.9087, 71.8255, 54.4749
YIQ	213.9380, -6.5980, -23.6060

Conversions

Conversions Part 2

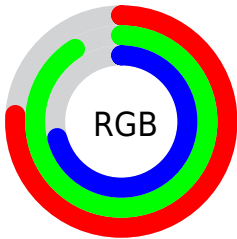
Format	Color
RYB	181, 231, 219
Decimal	12707765
CIELab	87.88, -21.48, 20.34
CIELCh	88, 29.579, 136.559
Yxy	71.8255, 0.3181, 0.3878
Android (android.graphics.Color)	4290897845 (0xFFC1E7B5)
YUV	213.9380, -16.2384, -18.3626
Hunter-Lab	84.7499, -24.2390, 21.2149

Details

The Hex color **C1E7B5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DBB5E7**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FAFFED**, and **8BAF80** is the 20% darker color. If you saturate the color by 10%, you get **AFE79E**, and if you desaturate by 10%, it is **D3E7CC**.

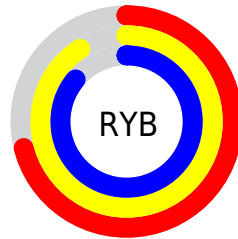
Distribution



Red (76%)

Green (91%)

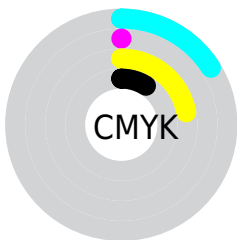
Blue (71%)



Red (71%)

Yellow (91%)

Blue (86%)

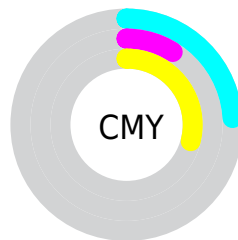


Cyan (16%)

Magenta (0%)

Yellow (22%)

Black (9%)



Cyan (24%)

Magenta (9%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1E7B5 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 C1E7B5 by changing the saturation by 10% instead.

 C1E7B5

 C1E7B5

FFFFFF

 A6CB9A

 FAFFED


 8BAF80

 719567

 587B4E

 406237

 284A21

 11330B

 001F00

 000000

 C1E7B5

 C1E7B5

 AFE79E

 D3E7CC

 9EE787

 E4E7E3

 8CE770

 F6E7FA

 7BE759

 FFE7FF

 69E742

 58E72A

 46E713

 37E700

Harmonies

Analogous

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



E1E0A6



C1E7B5



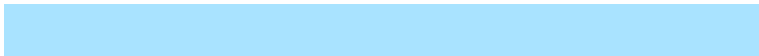
A2EBCE

Triad

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



C1E7B5



A9E3FF



FFC8CE

Complementary

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



C1E7B5



DBB5E7

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.



FFC9EA



C1E7B5



D0DAFF

Square

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



C1E7B5



8EE9FF



F4D0FF



FFCDB5

Rectangle

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



C1E7B5



92ECE2



F4D0FF



FFC8D7

Sweetspot

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



C1E7B5



F3FFF0



E7DBB5



798077



000000



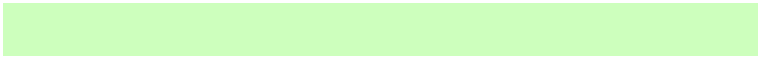
808080

Same Dimension

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



C1E7B5



CDFE7BD



B5E7C2



6A7367



2BB300



0C3300

Inverse Universe

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



DBB5E7



EFBDFE



E7B5DB



706773



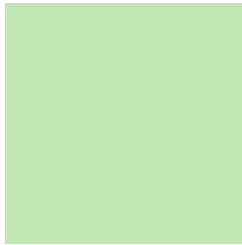
8800B3



270033

Previews

White Background



This preview shows how the Hex color C1E7B5 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 C1E7B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

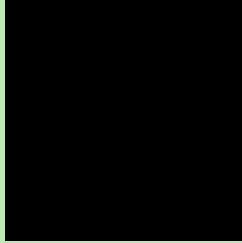
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

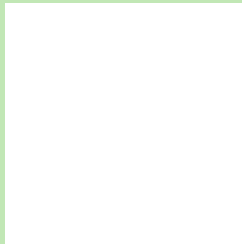
Any Text WCAG AAA ✓ Pass

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

Hex C1E7B5 Background



This preview shows how black text looks on a background with the Hex color C1E7B5.

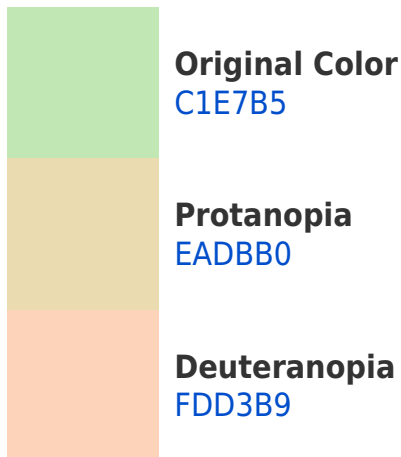


This preview shows how white text looks on a background with the Hex color C1E7B5.

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](#).

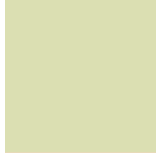
Dichromacy



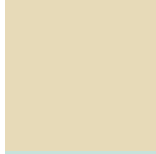
Trichromacy



Original Color
C1E7B5



Protanomaly
DBDFB2



Deuteranomaly
E7DAB8

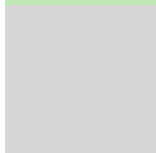


Tritanomaly
C7E2DB

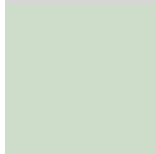
Monochromacy



Original Color
C1E7B5



Achromatopsia
D6D6D6



Achromatomaly
CEDCCA

CSS Examples

Text

The CSS property to change the color of the text to Hex C1E7B5 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 #C1E7B5 looks like.

```
.text, #text, p{  
    color:#C1E7B5  
}
```

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 #C1E7B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E7B5
}
```

Border

The CSS property to change the border of an element to Hex C1E7B5 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
#C1E7B5 }
```

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

```
.border{ border-color:#C1E7B5 }
```

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

Here you see how a box with a 4 pixel #C1E7B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E7B5; -webkit-box-shadow:4px 4px  
4px 4px #C1E7B5; box-shadow:4px 4px 4px  
4px #C1E7B5 }
```

Background

The CSS property to change the background color of an element to Hex C1E7B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E7B5 }
```

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

```
.background{ background-color:#C1E7B5 }
```

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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