

Converting Colors

Hex(C1E4BB)

Have a look what the booklet for
Hex(C1E4BB) contains.

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Color

Hex(C1E4BB)

Conversions

Conversions Part 1

Format	Color
Hex	C1E4BB
RGB	193, 228, 187
RGB Percent	76%, 89%, 73%
CMY	0.2431, 0.1059, 0.2667
CMYK	0.15, 0.00, 0.18, 0.11
HSL	111°, 43%, 81%
HSV	111°, 18%, 89%
XYZ	58.7054, 70.4121, 57.5105
YIQ	212.8610, -7.6990, -20.1710

Conversions

Conversions Part 2

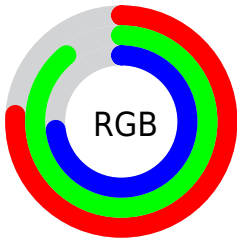
Format	Color
RYB	187, 228, 222
Decimal	12707003
CIELab	87.20, -19.01, 16.26
CIElCh	87, 25.016, 139.460
Yxy	70.4121, 0.3146, 0.3773
Android (android.graphics.Color)	4290897083 (0xFFC1E4BB)
YUV	212.8610, -12.7495, -17.4181
Hunter-Lab	83.9119, -21.9660, 18.1029

Details

The Hex color **C1E4BB** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DEBBE4**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FAFFF3**, and **8BAC86** is the 20% darker color. If you saturate the color by 10%, you get **AEE4A4**, and if you desaturate by 10%, it is **D4E4D2**.

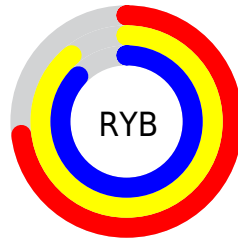
Distribution



Red (76%)

Green (89%)

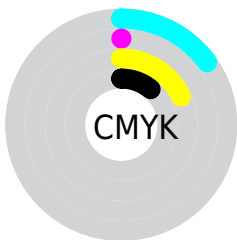
Blue (73%)



Red (73%)

Yellow (89%)

Blue (87%)

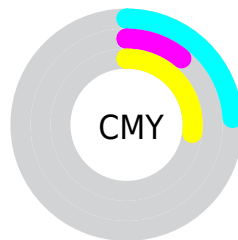


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (11%)



Cyan (24%)

Magenta (11%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1E4BB 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 C1E4BB by changing the saturation by 10% instead.

 C1E4BB

FFFFFF

 FAFFF3

 C1E4BB

 A6C8A0

 8BAC86

 71926C

 587854

 405F3D

 294727

 133112

 001D00

 000000

 C1E4BB

 C1E4BB

 AEE4A4

 D4E4D2

 9AE48D

 E8E4E9

 87E477

 FBE4FF

 73E460

 FFE4FF

 60E449

 4CE432

 39E41B

 25E405

 21E400

Harmonies

Analogous

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



DCDEAD



C1E4BB



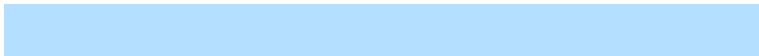
A8E8D1

Triad

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



C1E4BB



B4DFFF



FFCACC

Complementary

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



C1E4BB



DEBBE4

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.



FFCAE4



C1E4BB



D4D7FF

Square

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



C1E4BB



9DE5FE



F1CFFA



FFCFB7

Rectangle

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



C1E4BB



9DE8E1



F1CFFA



FFCAD4

Sweetspot

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



C1E4BB



F4FFF2



E4DEBB



798078



000000



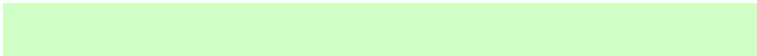
808080

Same Dimension

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



C1E4BB



CFFFC7



BBE4C9



697367



1AB300



073300

Inverse Universe

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



DEBBE4



F7C7FF



E4BBD6



716773



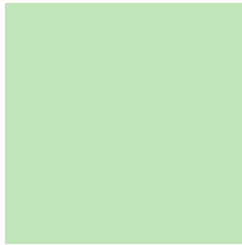
9800B3



2C0033

Previews

White Background



This preview shows how the Hex color C1E4BB looks on a white background.

Color Contrast Check

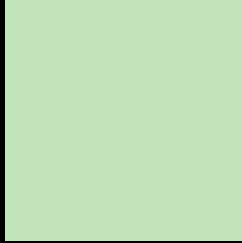
Large Text (above 18pt) WCAG AA × Fail

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 C1E4BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

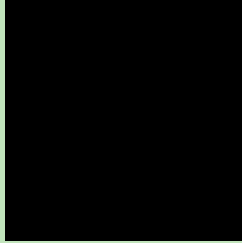
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

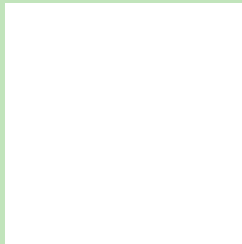
Any Text WCAG AAA ✓ Pass

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

Hex C1E4BB Background



This preview shows how black text looks on a background with the Hex color C1E4BB.

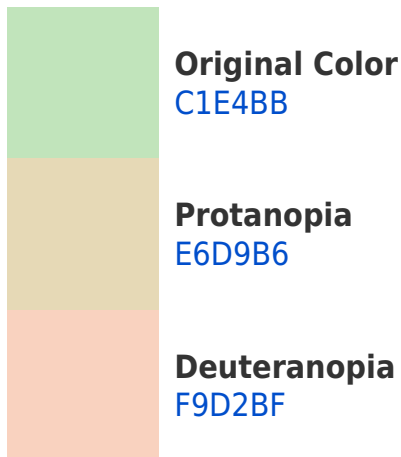


This preview shows how white text looks on a background with the Hex color C1E4BB.

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



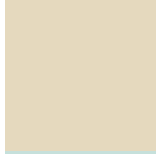
Trichromacy



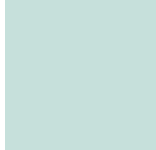
Original Color
C1E4BB



Protanomaly
D9DDB8

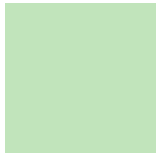


Deuteranomaly
E5D9BE

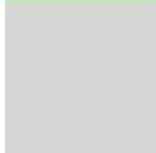


Tritanomaly
C6E0DB

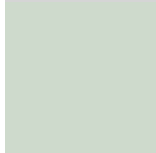
Monochromacy



Original Color
C1E4BB



Achromatopsia
D5D5D5



Achromatomaly
CEDACC

CSS Examples

Text

The CSS property to change the color of the text to Hex C1E4BB 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 #C1E4BB looks like.

```
.text, #text, p{  
    color:#C1E4BB  
}
```

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 #C1E4BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E4BB  
}
```

Border

The CSS property to change the border of an element to Hex C1E4BB 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  
#C1E4BB }
```

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

```
.border{ border-color:#C1E4BB }
```

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

Here you see how a box with a 4 pixel #C1E4BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E4BB; -webkit-box-shadow:4px 4px  
4px 4px #C1E4BB; box-shadow:4px 4px 4px  
4px #C1E4BB }
```

Background

The CSS property to change the background color of an element to Hex C1E4BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E4BB }
```

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

```
.background{ background-color:#C1E4BB }
```

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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