

Converting Colors

Hex(C1E4CA)

Have a look what the booklet for
Hex(C1E4CA) contains.

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Color

Hex(C1E4CA)

Conversions

Conversions Part 1

Format	Color
Hex	C1E4CA
RGB	193, 228, 202
RGB Percent	76%, 89%, 79%
CMY	0.2431, 0.1059, 0.2078
CMYK	0.15, 0.00, 0.11, 0.11
HSL	135°, 39%, 83%
HSV	135°, 15%, 89%
XYZ	60.3964, 71.0885, 66.4153
YIQ	214.5710, -12.5140, -15.5060

Conversions

Conversions Part 2

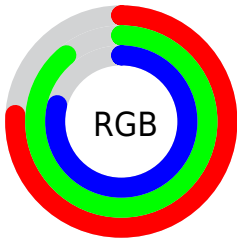
Format	Color
RYB	193, 221, 228
Decimal	12707018
CIELab	87.53, -16.38, 8.88
CIElCh	88, 18.633, 151.536
Yxy	71.0885, 0.3052, 0.3592
Android (android.graphics.Color)	4290897098 (0xFFC1E4CA)
YUV	214.5710, -6.1975, -18.9178
Hunter-Lab	84.3140, -19.6852, 12.3162

Details

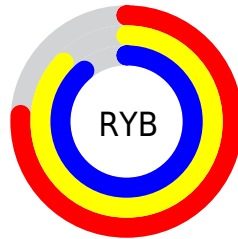
The Hex color **C1E4CA** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E4C1DB**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FAFFFF**, and **8BAD94** is the 20% darker color. If you saturate the color by 10%, you get **AAE4B9**, and if you desaturate by 10%, it is **D8E4DB**.

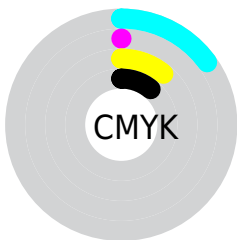
Distribution



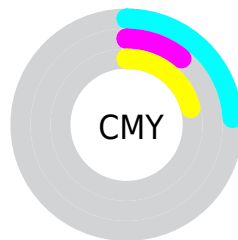
- Red (76%)
- Green (89%)
- Blue (79%)



- Red (76%)
- Yellow (87%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1E4CA 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 C1E4CA by changing the saturation by 10% instead.

 C1E4CA


 C1E4CA

FFFFFF

 A6C8AF

 FAFFFF

 8BAD94

 71927A

 597861

 415F4A

 2A4733

 14311E

 001D05

 000000

 C1E4CA

 C1E4CA

 AAE4B9

 D8E4DB

 93E4A8

 EFE4EC

 7DE497

 FFE4FD

 66E486

 FFE4FF

 4FE475

 38E464

 21E453

 0BE443

 00E43B

Harmonies

Analogous

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



D5E0BD



C1E4CA



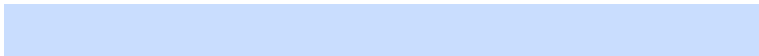
B2E6DC

Triad

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



C1E4CA



C9DDFE



FFD0CA

Complementary

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



C1E4CA



E4C1DB

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.



FFCFDB



C1E4CA



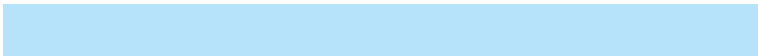
E0D7FA

Square

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



C1E4CA



B6E2FA



F3D2ED



F8D5BD

Rectangle

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



C1E4CA



ADE6E8



F3D2ED



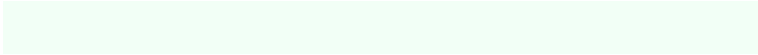
FFD0CF

Sweetspot

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



C1E4CA



F2FFF6



DBE4C1



78807A



000000



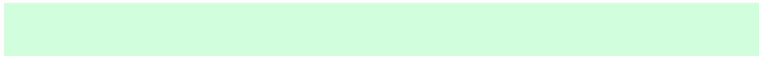
808080

Same Dimension

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



C1E4CA



D1FFDD



C1E4DB



67736A



00B32E



00330D

Inverse Universe

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



E4C1DB



FFD1F3



E4C1CA



736770



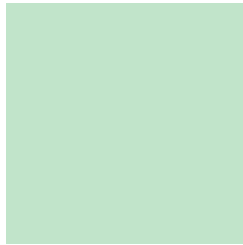
B30085



330026

Previews

White Background



This preview shows how the Hex color C1E4CA looks on a white background.

Color Contrast Check

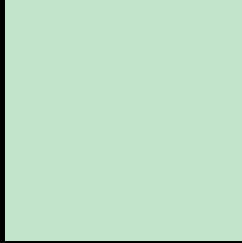
Large Text (above 18pt) WCAG AA × Fail

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 C1E4CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

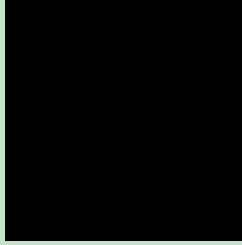
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

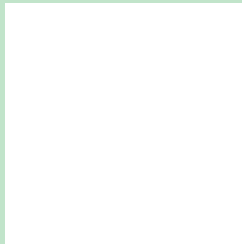
Any Text WCAG AAA ✓ Pass

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

Hex C1E4CA Background



This preview shows how black text looks on a background with the Hex color C1E4CA.

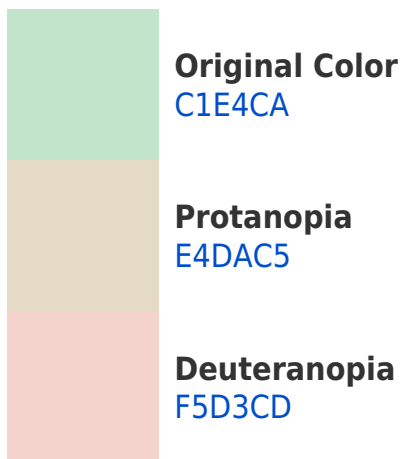


This preview shows how white text looks on a background with the Hex color C1E4CA.

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



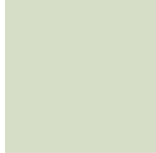


Tritanopia
C8DEF0

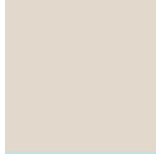
Trichromacy



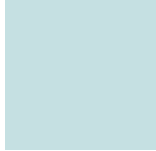
Original Color
C1E4CA



Protanomaly
D7DEC7



Deuteranomaly
E2D9CC

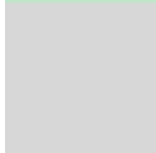


Tritanomaly
C5E0E2

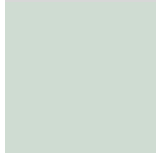
Monochromacy



Original Color
C1E4CA



Achromatopsia
D7D7D7



Achromatomaly
CFDCE2

CSS Examples

Text

The CSS property to change the color of the text to Hex C1E4CA 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 #C1E4CA looks like.

```
.text, #text, p{  
    color:#C1E4CA  
}
```

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 #C1E4CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E4CA
}
```

Border

The CSS property to change the border of an element to Hex C1E4CA 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
#C1E4CA }
```

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

```
.border{ border-color:#C1E4CA }
```

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

Here you see how a box with a 4 pixel #C1E4CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E4CA; -webkit-box-shadow:4px 4px  
4px 4px #C1E4CA; box-shadow:4px 4px 4px  
4px #C1E4CA }
```

Background

The CSS property to change the background color of an element to Hex C1E4CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E4CA }
```

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

```
.background{ background-color:#C1E4CA }
```

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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