

# Converting Colors

Hex(C1E3CB)

Have a look what the booklet for  
Hex(C1E3CB) contains.

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# **Color**

**Hex(C1E3CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1E3CB
RGB	193, 227, 203
RGB Percent	76%, 89%, 80%
CMY	0.2431, 0.1098, 0.2039
CMYK	0.15, 0.00, 0.11, 0.11
HSL	138°, 38%, 82%
HSV	138°, 15%, 89%
XYZ	60.2409, 70.5874, 66.9496
YIQ	214.0980, -12.5600, -14.6720

# Conversions

## Conversions Part 2

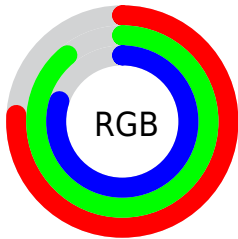
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 219, 227
Decimal	12706763
CIE <sub>Lab</sub>	87.28, -15.70, 8.01
CIE <sub>LCh</sub>	87, 17.623, 152.978
Yxy	70.5874, 0.3046, 0.3569
Android (android.graphics.Color)	4290896843 (0xFFC1E3CB)
YUV	214.0980, -5.4713, -18.5029
Hunter-Lab	84.0163, -19.0415, 11.5653

# Details

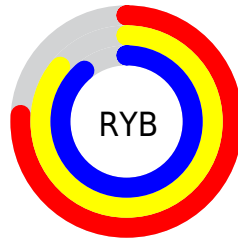
The Hex color **C1E3CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3C1D9**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FAFFFF**, and **8BAC95** is the 20% darker color. If you saturate the color by 10%, you get **AAE3BB**, and if you desaturate by 10%, it is **D8E3DB**.

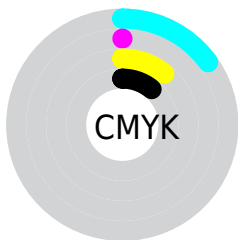
# Distribution



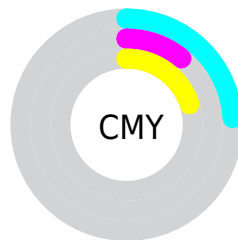
- Red (76%)
- Green (89%)
- Blue (80%)



- Red (76%)
- Yellow (86%)
- Blue (89%)



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



- Cyan (24%)
- Magenta (11%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1E3CB 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 C1E3CB by changing the saturation by 10% instead.



 C1E3CB


 C1E3CB

FFFFFF

 A6C7B0

 FAFFFF

 8BAC95

 71917B

 597762

 415E4A

 2A4734

 14301F

 001C06

 000000

 C1E3CB

 C1E3CB

 AAE3BB

 D8E3DB

 94E3AB

 EEE3EB

 7DE39B

 FFE3FB

 66E38B

 FFE3FF

 4FE37B

 39E36B

 22E35B

 0BE34B

 00E343

# Harmonies

## Analogous

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



D4DFBE



C1E3CB



B3E5DC

# Triad

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



C1E3CB



CBDCFC



FED0C9

# Complementary

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



C1E3CB



E3C1D9

# 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.



FDCFDA



C1E3CB



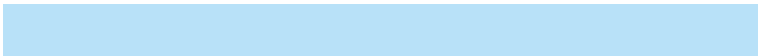
E0D6F7

# Square

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



C1E3CB



B8E1F8



F2D1EA



F6D5BD

# Rectangle

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



C1E3CB



AFE4E7



F2D1EA



FED0CE



# Sweetspot

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



C1E3CB



F5FFF8



D9E3C1



79807B



000000



808080

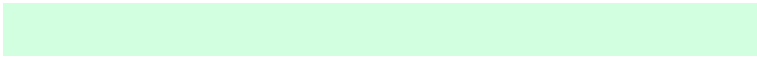


# Same Dimension

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



C1E3CB



D1FFDF



C1E3DC



67736B



00B334



00330F



# Inverse Universe

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



E3C1D9



FFD1F2



E3C1C8



73676F



B3007E

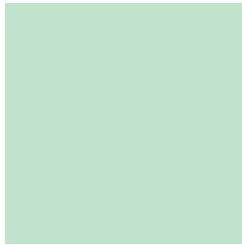


330024



# Previews

## White Background



This preview shows how the Hex color C1E3CB looks on a white background.

## Color Contrast Check

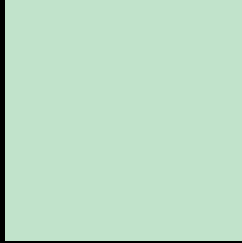
Large Text (above 18pt) WCAG AA × Fail

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 C1E3CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

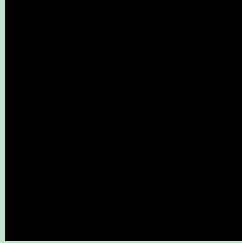
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

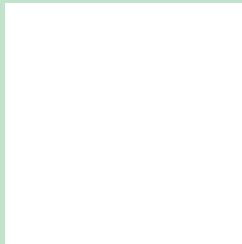
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1E3CB Background



This preview shows how black text looks on a background with the Hex color C1E3CB.

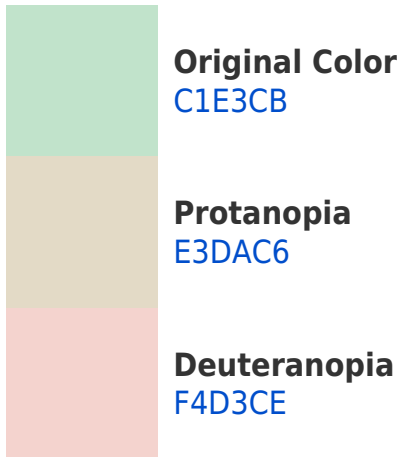


This preview shows how white text looks on a background with the Hex color C1E3CB.

# 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**  
C7DEEF

# Trichromacy



**Original Color**  
C1E3CB

**Protanomaly**  
D7DDC8

**Deuteranomaly**  
E1D9CD

**Tritanomaly**  
C5E0E2

# Monochromacy



**Original Color**  
C1E3CB

**Achromatopsia**  
D6D6D6

**Achromatomaly**  
CEDBD2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1E3CB 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 #C1E3CB looks like.

```
.text, #text, p{  
    color:#C1E3CB  
}
```

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 #C1E3CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E3CB
}
```

## Border

The CSS property to change the border of an element to Hex C1E3CB 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
#C1E3CB }
```

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

```
.border{ border-color:#C1E3CB }
```

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

Here you see how a box with a 4 pixel #C1E3CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E3CB; -webkit-box-shadow:4px 4px  
4px 4px #C1E3CB; box-shadow:4px 4px 4px  
4px #C1E3CB }
```

# Background

The CSS property to change the background color of an element to Hex C1E3CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E3CB }
```

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

```
.background{ background-color:#C1E3CB }
```

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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