

# Converting Colors

Hex(C1E7EB)

Have a look what the booklet for  
Hex(C1E7EB) contains.

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# **Color**

**Hex(C1E7EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1E7EB
RGB	193, 231, 235
RGB Percent	76%, 91%, 92%
CMY	0.2431, 0.0941, 0.0784
CMYK	0.18, 0.02, 0.00, 0.08
HSL	186°, 51%, 84%
HSV	186°, 18%, 92%
XYZ	65.5636, 74.4874, 89.5192
YIQ	220.0940, -23.9320, -6.8120

# Conversions

## Conversions Part 2

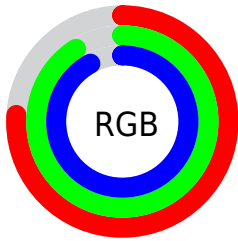
Format	Color
R <sub>Y</sub> B	193, 213, 235
Decimal	12707819
CIE Lab	89.15, -11.46, -6.07
CIE LCh	89, 12.964, 207.895
Yxy	74.4874, 0.2856, 0.3245
Android (android.graphics.Color)	4290897899 (0xFFC1E7EB)
YUV	220.0940, 7.3487, -23.7614
Hunter-Lab	86.3061, -15.4357, -1.0830

# Details

The Hex color **C1E7EB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EBC5C1**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FAFFFF**, and **8BAFB3** is the 20% darker color. If you saturate the color by 10%, you get **AAE5EB**, and if you desaturate by 10%, it is **D9E9EB**.

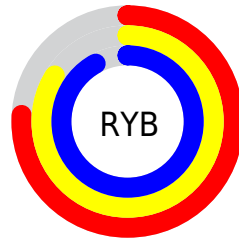
# Distribution



Red (76%)

Green (91%)

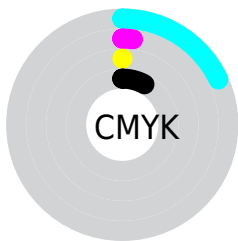
Blue (92%)



Red (76%)

Yellow (84%)

Blue (92%)

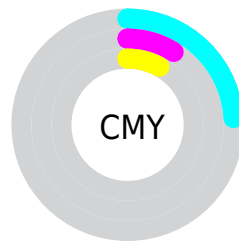


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (24%)

Magenta (9%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1E7EB 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 C1E7EB by changing the saturation by 10% instead.



 C1E7EB

 C1E7EB

FFFFFF

 A6CBCF

 FAFFFF

 8BAFB3

 719599

 587B7F

 3F6266

 274A4E

 0F3337

 001E22

 00000B

 C1E7EB

 C1E7EB

 AAE5EB

 D9E9EB

 92E3EB

 F0EBEB

 7AE0EB

 FFEEEB

 63DEEB

 FFF0EB

 4BDCEB

 FFF2EB

 34DAEB

 FFF4EB

 1DD7EB

 FFF7EB

 05D5EB

 FFF9EB

 00D5EB

 FFFBEB

# Harmonies

## Analogous

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



C5E7DF



C1E7EB



C6E5F4

# Triad

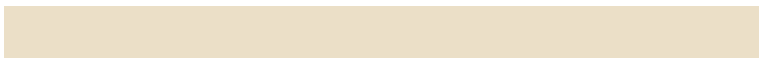
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C1E7EB



F0DAED



EBDFC7

# Complementary

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



C1E7EB



EBC5C1

# 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.



F6DBC8



C1E7E8



F9D8E1

# Square

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



C1E7EB



E1DDF6



FBD8D5



DDE3CA

# Rectangle

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



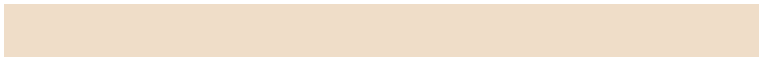
C1E7EB



CDE3F8



FBD8D5



EFDDC8



# Sweetspot

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



C1E7EB



F2FEFF



C1EBC4



787F80



000000



808080



# Same Dimension

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



C1E7EB



C9FAFF



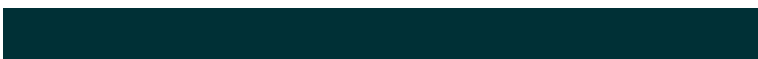
C1D3EB



6A7475



00A4B5



003036



# Inverse Universe

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



EBC1E7



FFC9FA



EBDAC1



756A74



B500A4

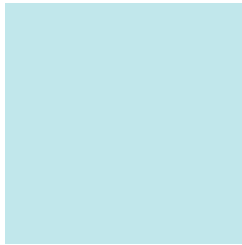


360030



# Previews

## White Background



This preview shows how the Hex color C1E7EB looks on a white background.

## Color Contrast Check

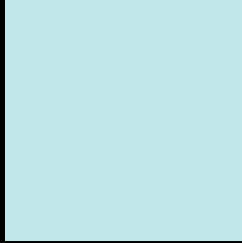
Large Text (above 18pt) WCAG AA × Fail

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 C1E7EB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

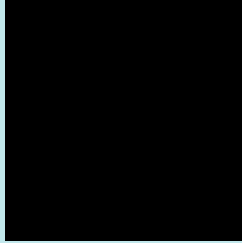
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

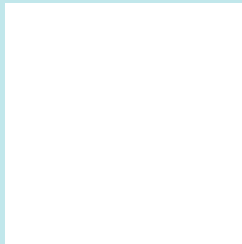
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1E7EB Background



This preview shows how black text looks on a background with the Hex color C1E7EB.



This preview shows how white text looks on a background with the Hex color C1E7EB.

# 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](#).

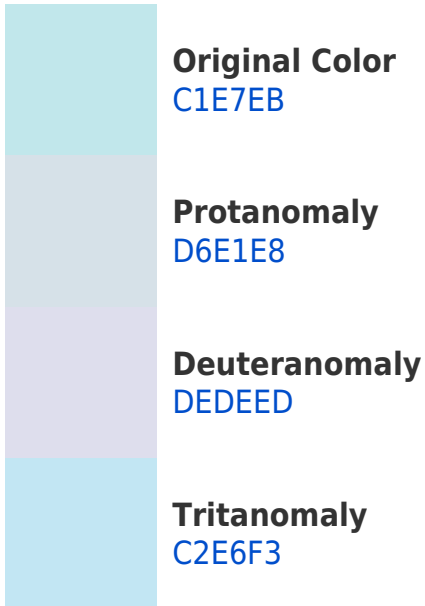
## Dichromacy



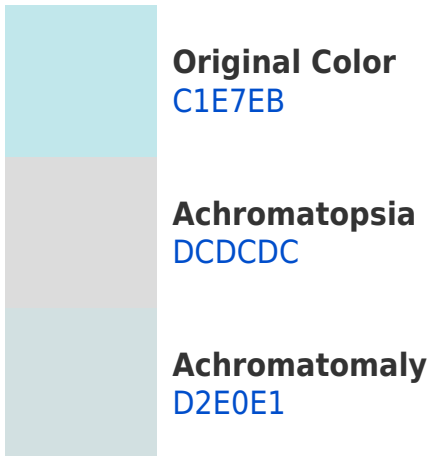


**Tritanopia**  
C3E5F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1E7EB 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 #C1E7EB looks like.

```
.text, #text, p{  
    color:#C1E7EB  
}
```

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 #C1E7EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E7EB
}
```

## Border

The CSS property to change the border of an element to Hex C1E7EB 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
#C1E7EB }
```

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

```
.border{ border-color:#C1E7EB }
```

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

Here you see how a box with a 4 pixel #C1E7EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E7EB; -webkit-box-shadow:4px 4px  
4px 4px #C1E7EB; box-shadow:4px 4px 4px  
4px #C1E7EB }
```

# Background

The CSS property to change the background color of an element to Hex C1E7EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E7EB }
```

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

```
.background{ background-color:#C1E7EB }
```

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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