

# Converting Colors

Hex(C1CEE7)

Have a look what the booklet for  
Hex(C1CEE7) contains.

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# **Color**

**Hex(C1CEE7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1CEE7
RGB	193, 206, 231
RGB Percent	76%, 81%, 91%
CMY	0.2431, 0.1922, 0.0941
CMYK	0.16, 0.11, 0.00, 0.09
HSL	219°, 44%, 83%
HSV	219°, 16%, 91%
XYZ	58.4874, 61.2496, 84.3410
YIQ	204.9630, -15.7730, 5.0190

# Conversions

## Conversions Part 2

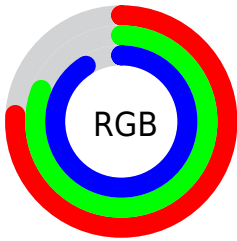
Format	Color
R <sub>Y</sub> B	193, 203, 231
Decimal	12701415
CIE Lab	82.51, 0.66, -13.83
CIE LCh	83, 13.844, 272.729
Yxy	61.2496, 0.2866, 0.3001
Android (android.graphics.Color)	4290891495 (0xFFC1CEE7)
YUV	204.9630, 12.8362, -10.4916
Hunter-Lab	78.2621, -3.5608, -9.1118

# Details

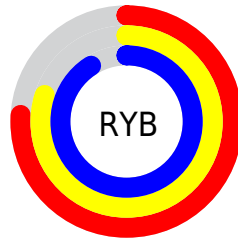
The Hex color **C1CEE7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E7DAC1**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FAFFFF**, and **8B98AF** is the 20% darker color. If you saturate the color by 10%, you get **AABFE7**, and if you desaturate by 10%, it is **D8DDE7**.

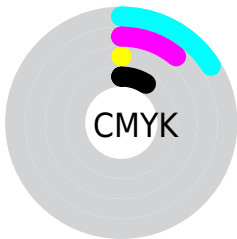
# Distribution



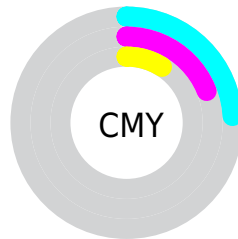
- Red (76%)
- Green (81%)
- Blue (91%)



- Red (76%)
- Yellow (80%)
- Blue (91%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (19%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1CEE7 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 C1CEE7 by changing the saturation by 10% instead.



 C1CEE7


FFFFFF

 FAFFFF

 C1CEE7

 A6B3CB

 8B98AF

 717E95

 58657B

 414D62

 2A364A

 132134

 000A1F

 000002

 C1CEE7

 C1CEE7

 AABFE7

 D8DDE7

 93B0E7

 EFECE7

 7CA0E7

 FFFCE7

 6591E7

 FFFF7E7

 4D82E7

 3673E7

 1F64E7

 0854E7

 004FE7

# Harmonies

## Analogous

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



B3D2E4



C1CEE7



D1CAE3

# Triad

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



C1CEE7



E9C5C0



BAD4C1

# Complementary

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



C1CEE7



E7DAC1

# 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.



C8D1B7



C1CEE7



E3C9B7

# Square

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



C1CEE7



E8C5CD



D7CDB4



AFD5CE

# Rectangle

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



C1CEE7



DBC7DD



D7CDB4



BED3BD



# Sweetspot

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



C1CEE7



F2F7FF



C1E7DA



787A80



000000



808080



# Same Dimension

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



C1CEE7



CCDDFF



C7C1E7



676B73



003DB3



001133



# Inverse Universe

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



E7C1CE



FFCCDD



E1E7C1



73676B



B3003D

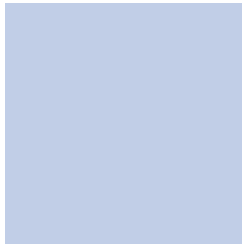


330011



# Previews

## White Background



This preview shows how the Hex color C1CEE7 looks on a white background.

## Color Contrast Check

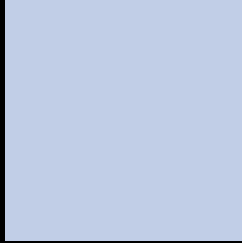
Large Text (above 18pt) WCAG AA × Fail

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 C1CEE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

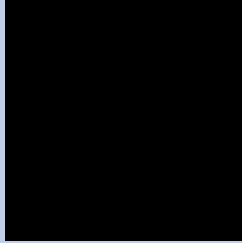
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

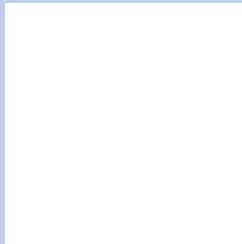
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1CEE7 Background



This preview shows how black text looks on a background with the Hex color C1CEE7.

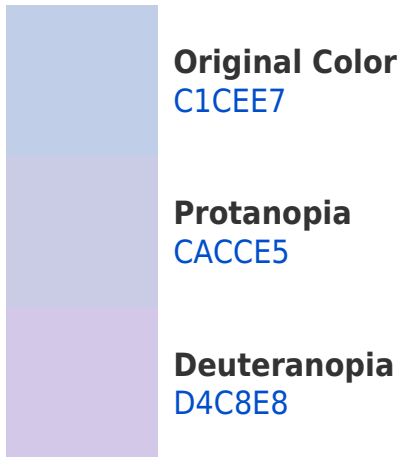


This preview shows how white text looks on a background with the Hex color C1CEE7.

# Color Blindness Simulation

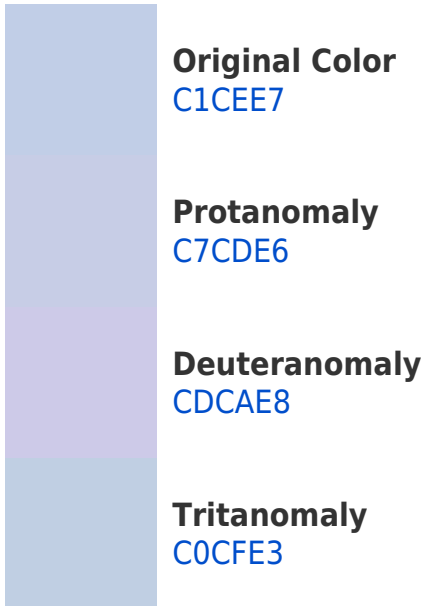
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

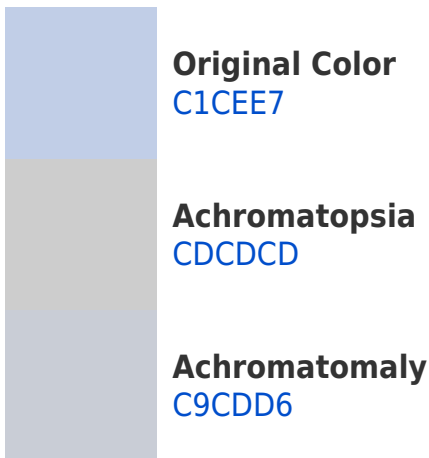




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1CEE7 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 #C1CEE7 looks like.

```
.text, #text, p{  
    color:#C1CEE7  
}
```

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 #C1CEE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1CEE7  
}
```

## Border

The CSS property to change the border of an element to Hex C1CEE7 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  
#C1CEE7 }
```

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

```
.border{ border-color:#C1CEE7 }
```

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

Here you see how a box with a 4 pixel `#C1CEE7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1CEE7; -webkit-box-shadow:4px 4px  
4px 4px #C1CEE7; box-shadow:4px 4px 4px  
4px #C1CEE7 }
```

# Background

The CSS property to change the background color of an element to Hex C1CEE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1CEE7 }
```

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

```
.background{ background-color:#C1CEE7 }
```

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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