

# Converting Colors

Hex(C8CEEB)

Have a look what the booklet for  
Hex(C8CEEB) contains.

<b>Hex(C8CEEB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C8CEEB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8CEEB
RGB	200, 206, 235
RGB Percent	78%, 81%, 92%
CMY	0.2157, 0.1922, 0.0784
CMYK	0.15, 0.12, 0.00, 0.08
HSL	230°, 47%, 85%
HSV	230°, 15%, 92%
XYZ	60.8861, 62.4201, 87.4365
YIQ	207.5120, -12.8850, 7.7470

# Conversions

## Conversions Part 2

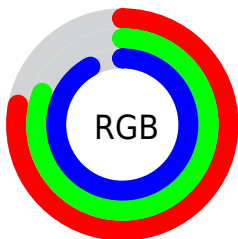
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 205, 235
Decimal	13160171
CIE Lab	83.14, 3.71, -14.97
CIE LCh	83, 15.425, 283.907
Yxy	62.4201, 0.2889, 0.2962
Android (android.graphics.Color)	4291350251 (0xFFC8CEEB)
YUV	207.5120, 13.5516, -6.5880
Hunter-Lab	79.0064, -0.7006, -10.3118

# Details

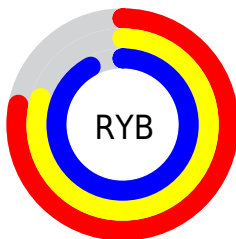
The Hex color **C8CEEB** is a light color, and the websafe version is hex **CCCCCCFF**. A complement of this color would be **EBE5C8**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF**, and **9298B3** is the 20% darker color. If you saturate the color by 10%, you get **B1BBEB**, and if you desaturate by 10%, it is **DFE1EB**.

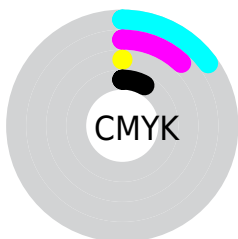
# Distribution



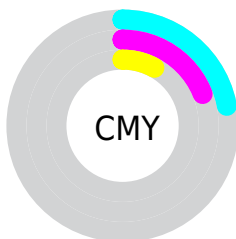
- Red (78%)
- Green (81%)
- Blue (92%)



- Red (78%)
- Yellow (80%)
- Blue (92%)



- Cyan (15%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (19%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8CEEB 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 C8CEEB by changing the saturation by 10% instead.



■ C8CEEB

FFFFFF

■ C8CEEB

■ ADB3CF

■ 9298B3

■ 787E98

■ 5F657E

■ 474D65

■ 30364D

■ 1A2137

■ 030A21

■ 000008

 C8CEEB

 C8CEEB

 B1BBEB

 DFE1EB

 99A7EB

 F7F5EB

 8294EB

 FFFFEB

 6A80EB

 526DEB

 3B59EB

 2346EB

 0C32EB

 0028EB

# Harmonies

## Analogous

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



B7D3EA



C8CEEB



DAC9E4

# Triad

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



C8CEEB



ECC7BC



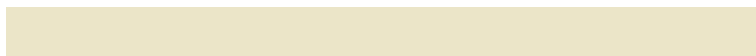
B4D7C7

# Complementary

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



C8CEEB



EBE5C8

# 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.



C3D4BA



C8CEEB



E2CBB4

# Square

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



C8CEEB



EEC5C9



D4D0B3



ABD8D5

# Rectangle

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



C8CEEB



E4C7DC



D4D0B3



B8D6C2



# Sweetspot

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



C8CEEB



F5F7FF



C8EBE5



797A80



000000



808080



# Same Dimension

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



C8CEEB



D1D9FF



D3C8EB



6A6C75



001FB5



000936



# Inverse Universe

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



EBC8CE



FFD1D9



E0EBC8



756A6C



B5001F

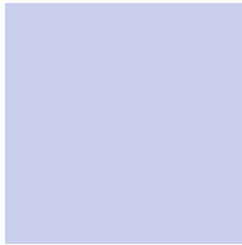


360009



# Previews

## White Background



This preview shows how the Hex color C8CEEB looks on a white background.

## Color Contrast Check

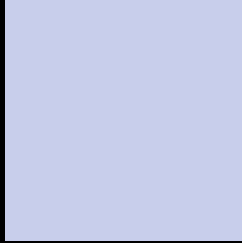
Large Text (above 18pt) WCAG AA × Fail

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 C8CEEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

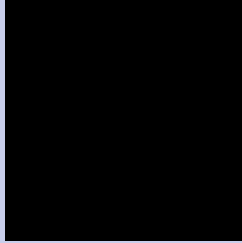
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8CEEB Background



This preview shows how black text looks on a background with the Hex color C8CEEB.

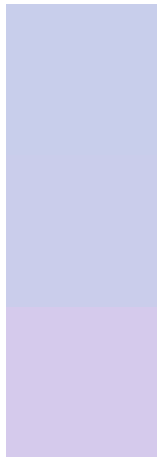


This preview shows how white text looks on a background with the Hex color C8CEEB.

# 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



**Original Color**  
C8CEEB

**Protanopia**  
CACDEB

**Deuteranopia**  
D5CAEC

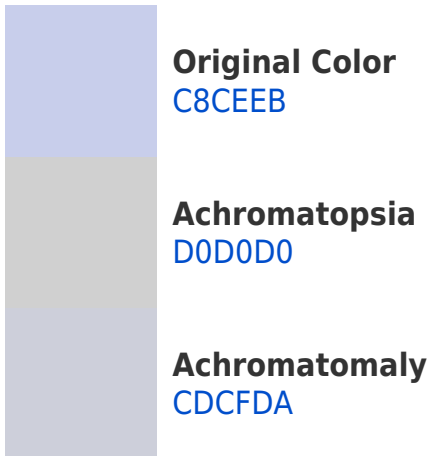


**Tritanopia**  
C6D0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8CEEB 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 #C8CEEB looks like.

```
.text, #text, p{  
    color:#C8CEEB  
}
```

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 #C8CEEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8CEEB
}
```

## Border

The CSS property to change the border of an element to Hex C8CEEB 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
#C8CEEB }
```

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

```
.border{ border-color:#C8CEEB }
```

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

Here you see how a box with a 4 pixel #C8CEEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8CEEB; -webkit-box-shadow:4px 4px  
4px 4px #C8CEEB; box-shadow:4px 4px 4px  
4px #C8CEEB }
```

# Background

The CSS property to change the background color of an element to Hex C8CEEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8CEEB }
```

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

```
.background{ background-color:#C8CEEB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor