

# Converting Colors

Hex(C7E8EE)

Have a look what the booklet for  
Hex(C7E8EE) contains.

|  |    |
|--|----|
| <b>Hex(C7E8EE)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(C7E8EE)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C7E8EE                      |
| RGB         | 199, 232, 238               |
| RGB Percent | 78%, 91%, 93%               |
| CMY         | 0.2196, 0.0902, 0.0667      |
| CMYK        | 0.16, 0.03, 0.00, 0.07      |
| HSL         | 189°, 53%, 86%              |
| HSV         | 189°, 16%, 93%              |
| XYZ         | 67.8424, 76.0284, 91.9882   |
| YIQ         | 222.8170, -21.5940, -5.1300 |

# Conversions

## Conversions Part 2

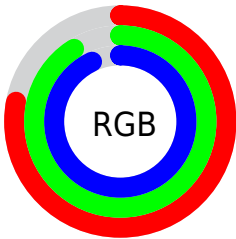
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 199, 217, 238                 |
| Decimal                             | 13101294                      |
| CIE Lab                             | 89.87, -9.50, -6.53           |
| CIE LCh                             | 90, 11.529, 214.501           |
| Yxy                                 | 76.0284, 0.2876,<br>0.3223    |
| Android<br>(android.graphics.Color) | 4291291374<br>(0xFFC7E8EE)    |
| YUV                                 | 222.8170, 7.4852,<br>-20.8875 |
| Hunter-Lab                          | 87.1943, -13.7061,<br>-1.5138 |

# Details

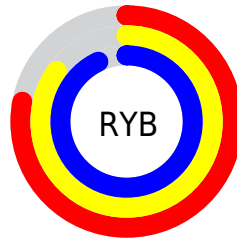
The Hex color **C7E8EE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EECDC7**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **91B0B6** is the 20% darker color. If you saturate the color by 10%, you get **AFE4EE**, and if you desaturate by 10%, it is **DFECEE**.

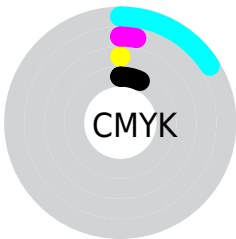
# Distribution



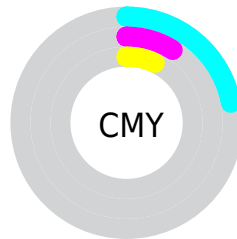
- Red (78%)
- Green (91%)
- Blue (93%)



- Red (78%)
- Yellow (85%)
- Blue (93%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (9%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E8EE 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 C7E8EE by changing the saturation by 10% instead.



 C7E8EE

 C7E8EE

FFFFFF

 ABCCD2

 91B0B6

 77969B

 5D7C81

 456368

 2D4B50

 163439

 001F24

 00010F

 C7E8EE

 C7E8EE

 AFE4EE

 DFCEEE

 97E1EE

 F7EFEE

 80DDEE

 FFF3EE

 68D9EE

 FFF7EE

 50D6EE

 FFFAEE

 38D2EE

 FFFEEE

 20CEEE

 FFFFEE

 09CBEE

 00C9EE

# Harmonies

## Analogous

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



C9E9E3



C7E8EE



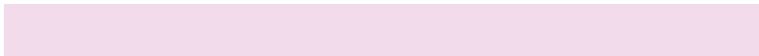
CDE6F5

# Triad

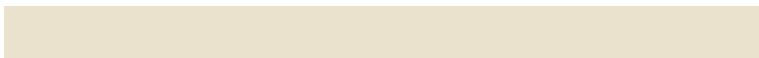
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C7E8EE



F2DCEC



EAE2CC

# Complementary

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



C7E8EE



EECD7

# 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.



F4DECE



C7E8EE



F9DBE1

# Square

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



C7E8EE



E6DFF4



FADCD6



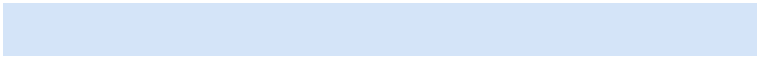
DDE5D0

# Rectangle

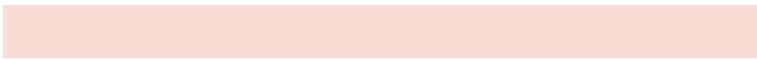
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C7E8EE



D4E4F8



FADCD6



EDE0CC

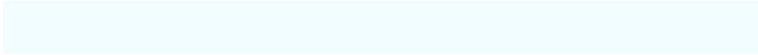


# Sweetspot

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



C7E8EE



F2FDFF



C7EECD



787E80



000000



808080

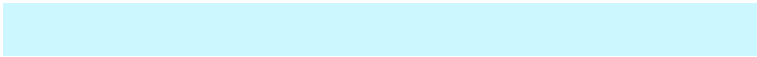


# Same Dimension

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



C7E8EE



CCF7FF



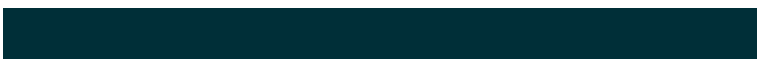
C7D5EE



6C7678



009BB8



002F38



# Inverse Universe

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



EEC7E8



FFCCF7



EEE0C7



786C76



B8009B

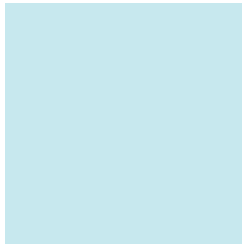


38002F



# Previews

## White Background



This preview shows how the Hex color C7E8EE looks on a white background.

## Color Contrast Check

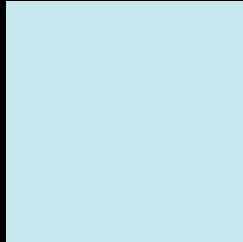
Large Text (above 18pt) WCAG AA × Fail

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 C7E8EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

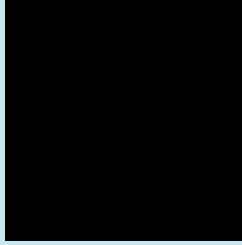
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7E8EE Background



This preview shows how black text looks on a background with the Hex color C7E8EE.

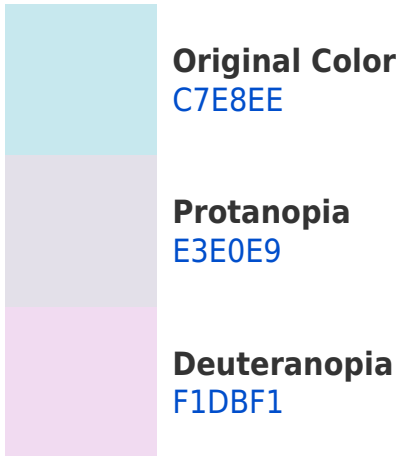


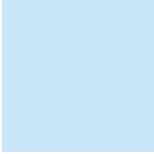
This preview shows how white text looks on a background with the Hex color C7E8EE.

# 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](#).

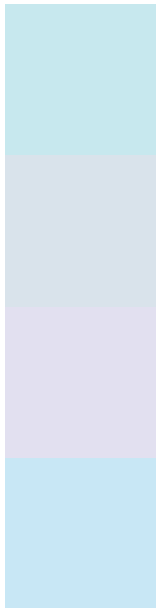
## Dichromacy





**Tritanopia**  
C9E6F9

# Trichromacy



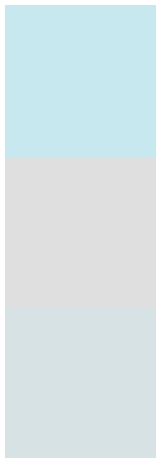
**Original Color**  
C7E8EE

**Protanomaly**  
D9E3EB

**Deuteranomaly**  
E2E0F0

**Tritanomaly**  
C8E7F5

# Monochromacy



**Original Color**  
C7E8EE

**Achromatopsia**  
DFDFDF

**Achromatomaly**  
D6E2E4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E8EE 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 #C7E8EE looks like.

```
.text, #text, p{  
    color:#C7E8EE  
}
```

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 #C7E8EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E8EE
}
```

## Border

The CSS property to change the border of an element to Hex C7E8EE 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
#C7E8EE }
```

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

```
.border{ border-color:#C7E8EE }
```

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

Here you see how a box with a 4 pixel #C7E8EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E8EE; -webkit-box-shadow:4px 4px  
4px 4px #C7E8EE; box-shadow:4px 4px 4px  
4px #C7E8EE }
```

# Background

The CSS property to change the background color of an element to Hex C7E8EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E8EE }
```

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

```
.background{ background-color:#C7E8EE }
```

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