

# Converting Colors

Hex(C7E8F1)

Have a look what the booklet for  
Hex(C7E8F1) contains.

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# **Color**

**Hex(C7E8F1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C7E8F1
RGB	199, 232, 241
RGB Percent	78%, 91%, 95%
CMY	0.2196, 0.0902, 0.0549
CMYK	0.17, 0.04, 0.00, 0.05
HSL	193°, 60%, 86%
HSV	193°, 17%, 95%
XYZ	68.2870, 76.2062, 94.3293
YIQ	223.1590, -22.5570, -4.1970

# Conversions

## Conversions Part 2

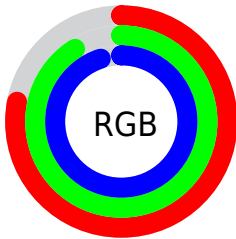
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	199, 217, 241
Decimal	13101297
CIE Lab	89.95, -8.88, -7.98
CIE LCh	90, 11.940, 221.930
Yxy	76.2062, 0.2859, 0.3191
Android (android.graphics.Color)	4291291377 (0xFFC7E8F1)
YUV	223.1590, 8.7956, -21.1874
Hunter-Lab	87.2962, -13.1376, -2.9594

# Details

The Hex color **C7E8F1** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F1D0C7**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **91B0B9** is the 20% darker color. If you saturate the color by 10%, you get **AFE3F1**, and if you desaturate by 10%, it is **DFEDF1**.

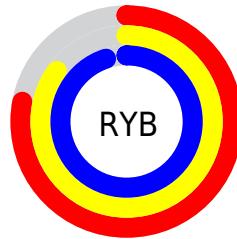
# Distribution



Red (78%)

Green (91%)

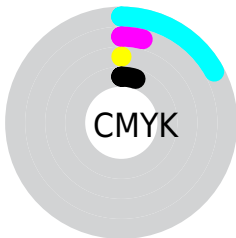
Blue (95%)



Red (78%)

Yellow (85%)

Blue (95%)

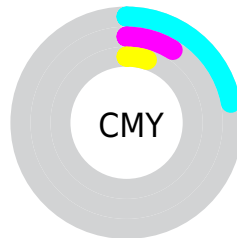


Cyan (17%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (9%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E8F1 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 C7E8F1 by changing the saturation by 10% instead.




 C7E8F1

FFFFFF

 C7E8F1

 ABCCD5

 91B0B9

 76969E

 5D7C84

 45636B

 2D4B53

 16343C

 001F26

 000112

 C7E8F1

 C7E8F1

 AFE3F1

 DFEDF1

 97DEF1

 F7F2F1

 7FD9F1

 FFF7F1

 67D3F1

 FFFDF1

 4FCEF1

 FFFFF1

 36C9F1

 1EC4F1

 06BFF1

 00BDF1

# Harmonies

## Analogous

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



C7E9E6



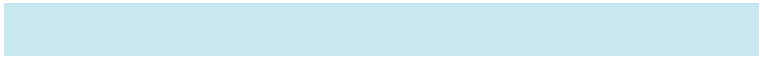
C7E8F1



CFE5F8

# Triad

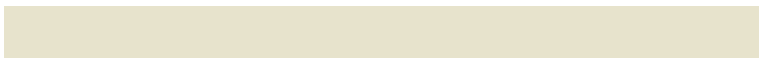
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C7E8F1



F5DBEA



E7E3CC

# Complementary

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



C7E8F1



F1D0C7

# Split Complementary

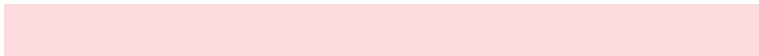
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F2DFCD



C7E8F1



FBDBDE

# Square

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



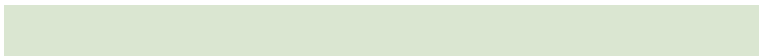
C7E8F1



EADEF3



FADCD3



DAE6D1

# Rectangle

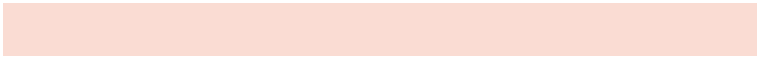
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C7E8F1



D7E3F9



FADCD3



EBE2CC

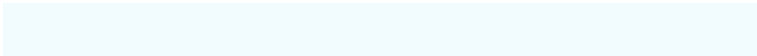


# Sweetspot

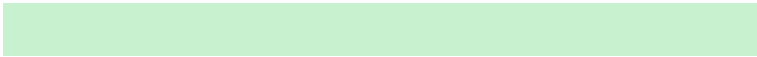
The Sweet Spot groups the original color and five complimentary colors.



C7E8F1



F2FCFF



C7F1CF



787E80



000000



808080

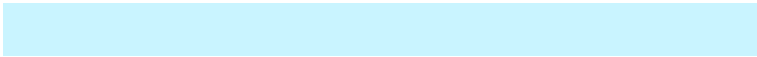


# Same Dimension

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



C7E8F1



C9F4FF



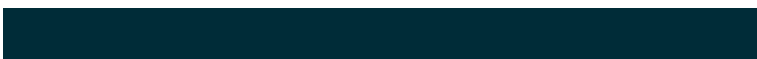
C7D4F1



6C7578



0090B8



002C38



# Inverse Universe

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



F1C7E8



FFC9F4



F1E4C7



786C75



B80090

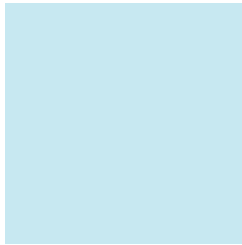


38002C



# Previews

## White Background



This preview shows how the Hex color C7E8F1 looks on a white background.

## Color Contrast Check

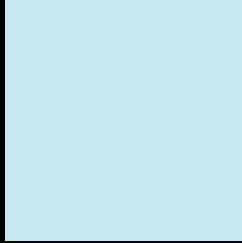
Large Text (above 18pt) WCAG AA × Fail

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 C7E8F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

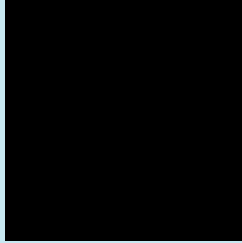
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7E8F1 Background



This preview shows how black text looks on a background with the Hex color C7E8F1.



This preview shows how white text looks on a background with the Hex color C7E8F1.

# 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](#).

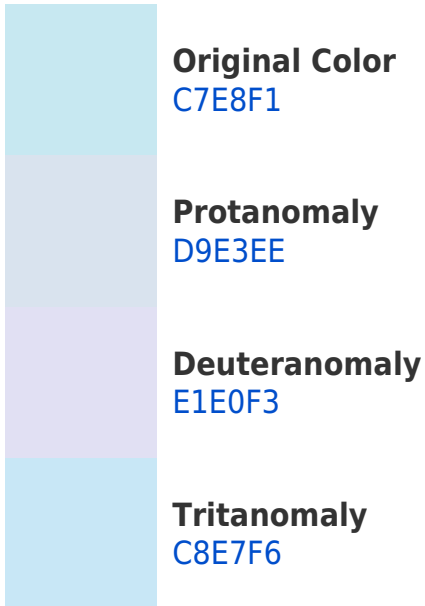
## Dichromacy



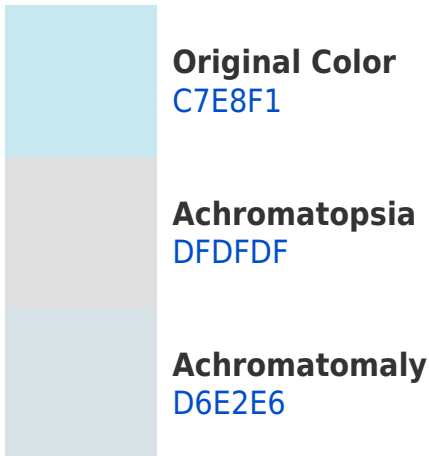


**Tritanopia**  
C9E7F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E8F1 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 #C7E8F1 looks like.

```
.text, #text, p{  
    color:#C7E8F1  
}
```

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 #C7E8F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E8F1
}
```

## Border

The CSS property to change the border of an element to Hex C7E8F1 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
#C7E8F1 }
```

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

```
.border{ border-color:#C7E8F1 }
```

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

Here you see how a box with a 4 pixel #C7E8F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E8F1; -webkit-box-shadow:4px 4px  
4px 4px #C7E8F1; box-shadow:4px 4px 4px  
4px #C7E8F1 }
```

# Background

The CSS property to change the background color of an element to Hex C7E8F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E8F1 }
```

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

```
.background{ background-color:#C7E8F1 }
```

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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