

Converting Colors

Hex(C7E7F4)

Have a look what the booklet for
Hex(C7E7F4) contains.

Hex(C7E7F4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C7E7F4)

Conversions

Conversions Part 1

Format	Color
Hex	C7E7F4
RGB	199, 231, 244
RGB Percent	78%, 91%, 96%
CMY	0.2196, 0.0941, 0.0431
CMYK	0.18, 0.05, 0.00, 0.04
HSL	197°, 67%, 87%
HSV	197°, 18%, 96%
XYZ	68.4582, 75.8256, 96.6156
YIQ	222.9140, -23.2450, -2.7410

Conversions

Conversions Part 2

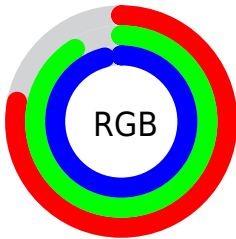
Format	Color
R _Y B	199, 218, 244
Decimal	13101044
CIE Lab	89.78, -7.75, -9.81
CIE LCh	90, 12.501, 231.705
Yxy	75.8256, 0.2842, 0.3148
Android (android.graphics.Color)	4291291124 (0xFFC7E7F4)
YUV	222.9140, 10.3954, -20.9726
Hunter-Lab	87.0779, -12.0545, -4.8296

Details

The Hex color **C7E7F4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F4D4C7**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **91AFBC** is the 20% darker color. If you saturate the color by 10%, you get **AFE0F4**, and if you desaturate by 10%, it is **DFEEF4**.

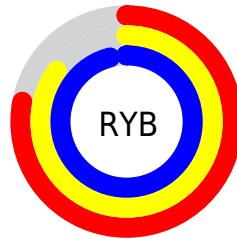
Distribution



Red (78%)

Green (91%)

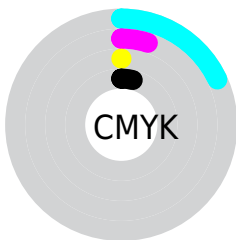
Blue (96%)



Red (78%)

Yellow (85%)

Blue (96%)

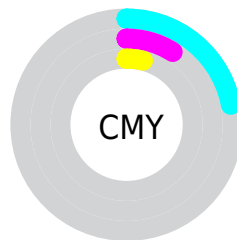


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7E7F4 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 C7E7F4 by changing the saturation by 10% instead.

 C7E7F4

FFFFFF

 C7E7F4

 ABCBD8

 91AFBC

 7695A1

 5D7B87

 45626D

 2D4A55

 15343E

 001F28

 000114

 C7E7F4

 C7E7F4

 AFE0F4

 DFEEF4

 96D9F4

 F8F5F4

 7ED2F4

 FFFCF4

 65CBF4

 FFFFF4

 4DC4F4

 35BDF4

 1CB6F4

 04AFF4

 00AEF4

Harmonies

Analogous

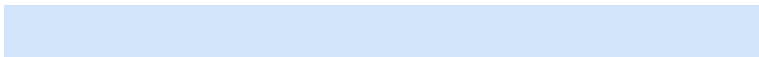
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C4E9EA



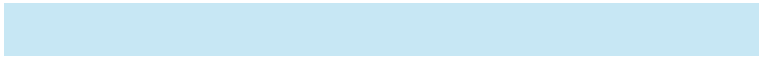
C7E7F4



D2E4F9

Triad

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



C7E7F4



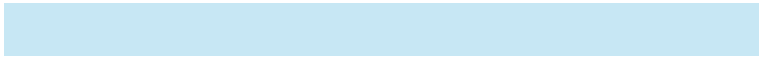
F8DAE6



E2E4CC

Complementary

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



C7E7F4



F4D4C7

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.



EFE0CA



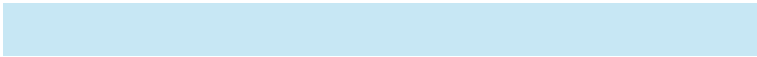
C7E7F4



FCDAD9

Square

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



C7E7F4



EEDCF1



F8DCCF



D4E7D3

Rectangle

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



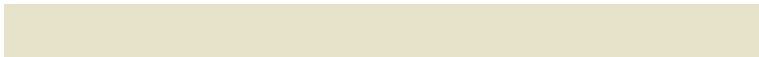
C7E7F4



DBE1F9



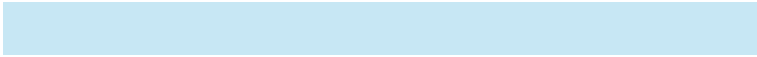
F8DCCF



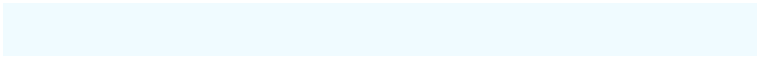
E7E2CA

Sweetspot

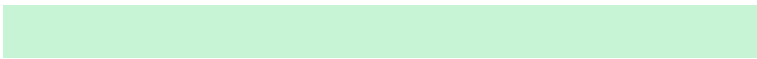
The Sweet Spot groups the original color and five complimentary colors.



C7E7F4



F0FBFF



C7F4D4



777D80



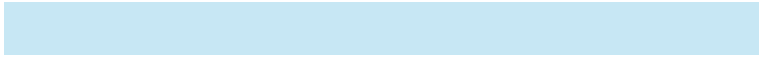
000000



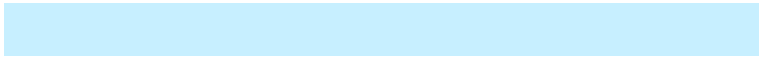
808080

Same Dimension

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



C7E7F4



C7EFFF



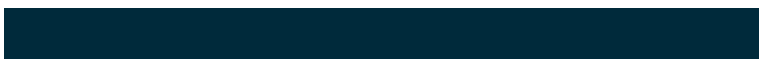
C7D1F4



6E777A



0084BA



002A3B

Inverse Universe

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



F4C7E7



FFC7EF



F4EAC7



7A6E77



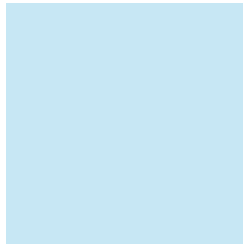
BA0084



3B002A

Previews

White Background



This preview shows how the Hex color C7E7F4 looks on a white background.

Color Contrast Check

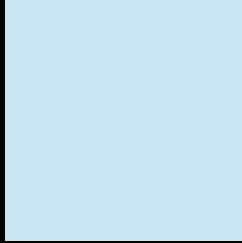
Large Text (above 18pt) WCAG AA × Fail

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 C7E7F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

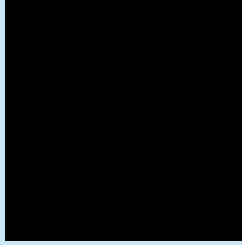
Any Text WCAG AA ✓ Pass

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 C7E7F4 Background



This preview shows how black text looks on a background with the Hex color C7E7F4.

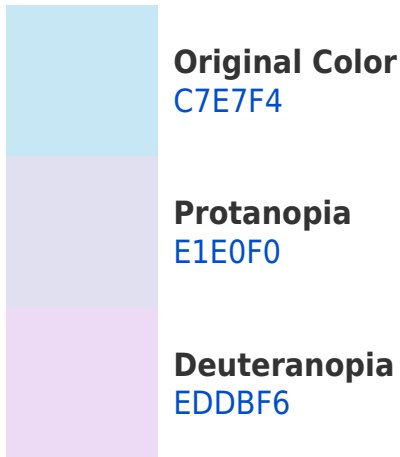


This preview shows how white text looks on a background with the Hex color C7E7F4.

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



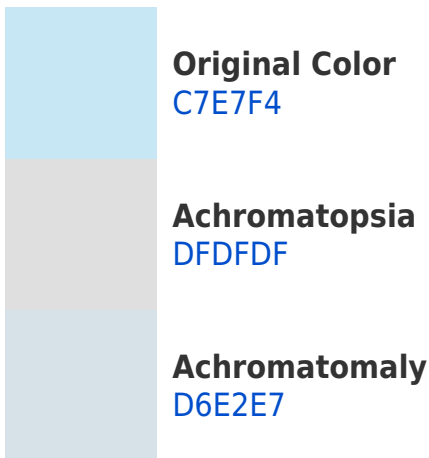


Tritanopia
C8E6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7E7F4 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 #C7E7F4 looks like.

```
.text, #text, p{  
    color:#C7E7F4  
}
```

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 #C7E7F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E7F4
}
```

Border

The CSS property to change the border of an element to Hex C7E7F4 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
#C7E7F4 }
```

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

```
.border{ border-color:#C7E7F4 }
```

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

Here you see how a box with a 4 pixel #C7E7F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E7F4; -webkit-box-shadow:4px 4px  
4px 4px #C7E7F4; box-shadow:4px 4px 4px  
4px #C7E7F4 }
```

Background

The CSS property to change the background color of an element to Hex C7E7F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E7F4 }
```

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

```
.background{ background-color:#C7E7F4 }
```

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