

Converting Colors

Hex(C4F4E8)

Have a look what the booklet for
Hex(C4F4E8) contains.

Hex(C4F4E8)	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(C4F4E8)

Conversions

Conversions Part 1

Format	Color
Hex	C4F4E8
RGB	196, 244, 232
RGB Percent	77%, 96%, 91%
CMY	0.2314, 0.0431, 0.0902
CMYK	0.20, 0.00, 0.05, 0.04
HSL	165°, 69%, 86%
HSV	165°, 20%, 96%
XYZ	69.6811, 82.2633, 88.5498
YIQ	228.2800, -24.7560, -13.9080

Conversions

Conversions Part 2

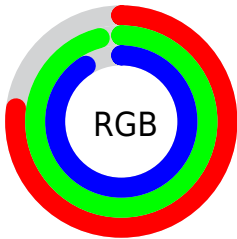
Format	Color
RYB	196, 223, 244
Decimal	12907752
CIELab	92.69, -17.65, 0.71
CIELCh	93, 17.663, 177.681
Yxy	82.2633, 0.2897, 0.3421
Android (android.graphics.Color)	4291097832 (0xFFC4F4E8)
YUV	228.2800, 1.8340, -28.3096
Hunter-Lab	90.6991, -21.5879, 5.6044

Details

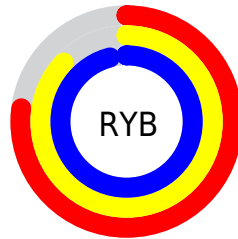
The Hex color **C4F4E8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F4C4D0**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FDFFFF**, and **8DBCBO** is the 20% darker color. If you saturate the color by 10%, you get **ACF4E2**, and if you desaturate by 10%, it is **DCF4EE**.

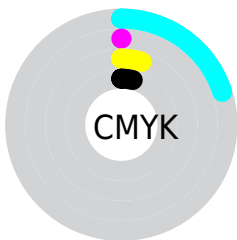
Distribution



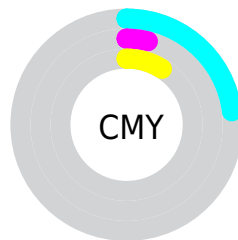
- Red (77%)
- Green (96%)
- Blue (91%)



- Red (77%)
- Yellow (87%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (23%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4F4E8 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 C4F4E8 by changing the saturation by 10% instead.

 C4F4E8

FFFFFF

FDFFFF

 C4F4E8

 A8D8CC

 8DBCBO

 73A196

 5A867C

 416D63

 29544B

 103D35

 002720

 001108

 C4F4E8

 C4F4E8

 ACF4E2

 DCF4EE

 93F4DC

 F5F4F4

 7BF4D6

 FFF4FA

 62F4D0

 FFF4FF

 4AF4C9

 32F4C3

 19F4BD

 01F4B7

 00F4B7

Harmonies

Analogous

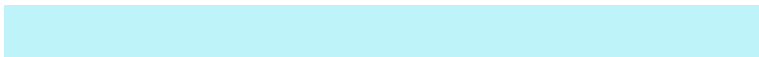
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D3F2D7



C4F4E8



BEF4F9

Triad

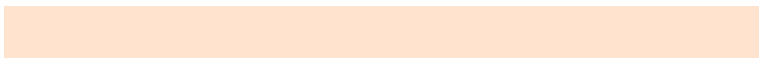
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C4F4E8



ECE6FF



FFE3CE

Complementary

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



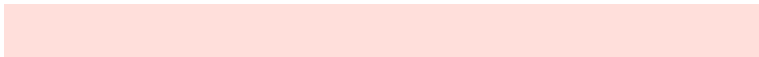
C4F4E8



F4C4D0

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.



FFDFDB



C4F4E8



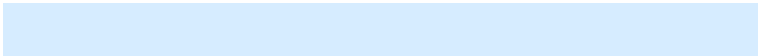
FFE1FC

Square

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



C4F4E8



D6ECFF



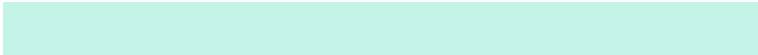
FFDFEC



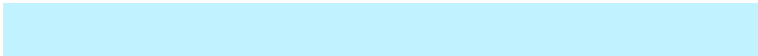
F9E8C8

Rectangle

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



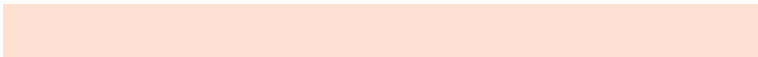
C4F4E8



C1F2FF



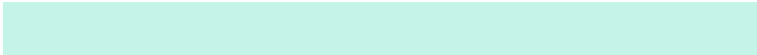
FFDFEC



FFE1D2

Sweetspot

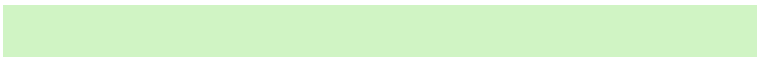
The Sweet Spot groups the original color and five complimentary colors.



C4F4E8



F0FFFB



D0F4C4



77807D



000000



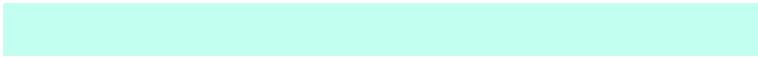
808080

Same Dimension

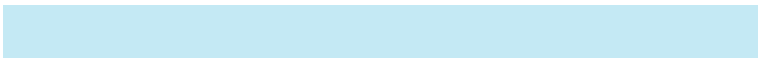
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C4F4E8



C2FFF0



C4E9F4



6E7A77



00BA8C



003B2C

Inverse Universe

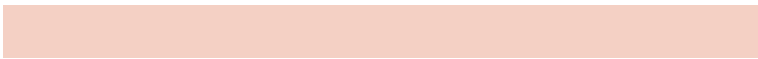
The Inverse Universe completely reimagines the original color for something new.



F4C4D0



FFC2D1



F4D0C4



7A6E71



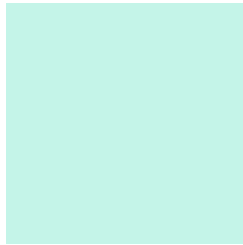
BA002F



3B000F

Previews

White Background



This preview shows how the Hex color C4F4E8 looks on a white background.

Color Contrast Check

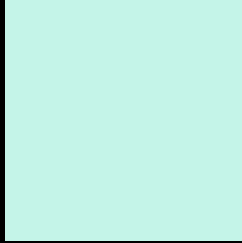
Large Text (above 18pt) WCAG AA × Fail

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 C4F4E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

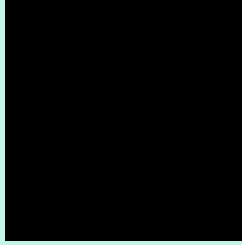
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

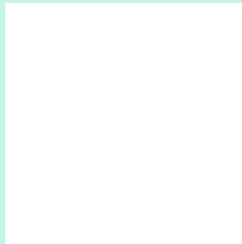
Any Text WCAG AAA ✓ Pass

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

Hex C4F4E8 Background



This preview shows how black text looks on a background with the Hex color C4F4E8.



This preview shows how white text looks on a background with the Hex color C4F4E8.

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



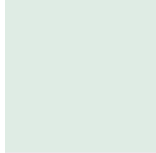


Tritanopia
CFEFFF

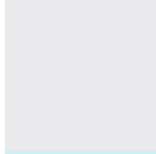
Trichromacy



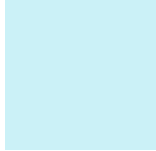
Original Color
C4F4E8



Protanomaly
DFECE4

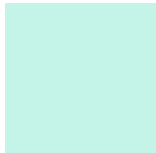


Deuteranomaly
EAE9EB

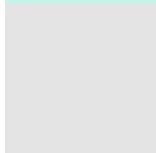


Tritanomaly
CBF1F7

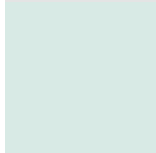
Monochromacy



Original Color
C4F4E8



Achromatopsia
E4E4E4



Achromatomaly
D8EAE5

CSS Examples

Text

The CSS property to change the color of the text to Hex C4F4E8 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 #C4F4E8 looks like.

```
.text, #text, p{  
    color:#C4F4E8  
}
```

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 #C4F4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4F4E8 }  
}
```

Border

The CSS property to change the border of an element to Hex C4F4E8 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 #C4F4E8 }  
}
```

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

```
.border{ border-color:#C4F4E8 }
```

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

Here you see how a box with a 4 pixel #C4F4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4F4E8; -webkit-box-shadow:4px 4px  
4px 4px #C4F4E8; box-shadow:4px 4px 4px  
4px #C4F4E8 }
```

Background

The CSS property to change the background color of an element to Hex C4F4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4F4E8 }
```

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

```
.background{ background-color:#C4F4E8 }
```

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