

Converting Colors

Hex(C1F4E8)

Have a look what the booklet for
Hex(C1F4E8) contains.

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Color

Hex(C1F4E8)

Conversions

Conversions Part 1

Format	Color
Hex	C1F4E8
RGB	193, 244, 232
RGB Percent	76%, 96%, 91%
CMY	0.2431, 0.0431, 0.0902
CMYK	0.21, 0.00, 0.05, 0.04
HSL	166°, 70%, 86%
HSV	166°, 21%, 96%
XYZ	68.9085, 81.8650, 88.5136
YIQ	227.3830, -26.5440, -14.5440

Conversions

Conversions Part 2

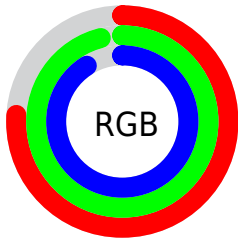
Format	Color
R _{YB}	193, 222, 244
Decimal	12711144
CIE Lab	92.52, -18.56, 0.44
CIE LCh	93, 18.569, 178.651
Yxy	81.8650, 0.2880, 0.3421
Android (android.graphics.Color)	4290901224 (0xFFC1F4E8)
YUV	227.3830, 2.2762, -30.1539
Hunter-Lab	90.4793, -22.3942, 5.3336

Details

The Hex color **C1F4E8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F4C1CD**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FAFFFF**, and **8BBCB0** is the 20% darker color. If you saturate the color by 10%, you get **A9F4E2**, and if you desaturate by 10%, it is **D9F4EE**.

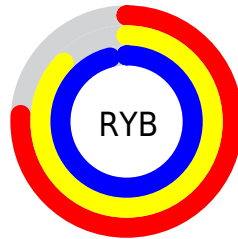
Distribution



Red (76%)

Green (96%)

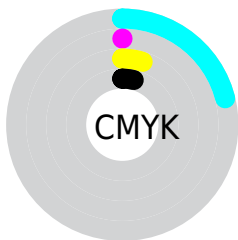
Blue (91%)



Red (76%)

Yellow (87%)

Blue (96%)

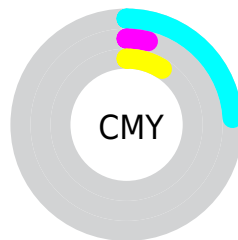


Cyan (21%)

Magenta (0%)

Yellow (5%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1F4E8 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 C1F4E8 by changing the saturation by 10% instead.

 C1F4E8

FFFFFF

 FAFFFF

 C1F4E8

 A5D8CC

 8BBCB0

 70A196

 57867C

 3E6D63

 25544B

 0B3D35

 002720

 001008

 C1F4E8

 C1F4E8

 A9F4E2

 D9F4EE

 90F4DD

 F2F4F3

 78F4D7

 FFF4F9

 5FF4D1

 FFF4FF

 47F4CB

 2FF4C6

 16F4C0

 00F4BB

Harmonies

Analogous

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



D1F2D6



C1F4E8



BBF3FA

Triad

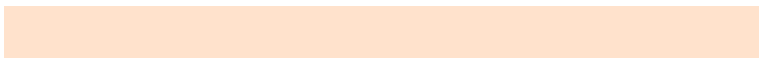
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C1F4E8



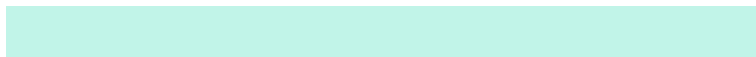
ECE5FF



FFE2CC

Complementary

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



C1F4E8



F4C1CD

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.



FFDED9



C1F4E8



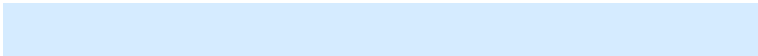
FFE0FC

Square

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



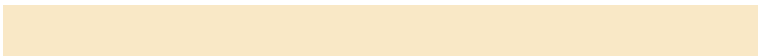
C1F4E8



D5EBFF



FFDDEB



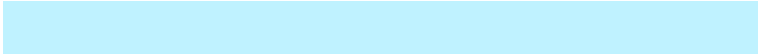
F9E8C6

Rectangle

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



C1F4E8



BFF2FF



FFDDEB



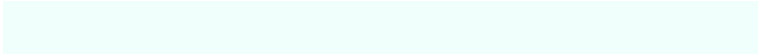
FFE1CF

Sweetspot

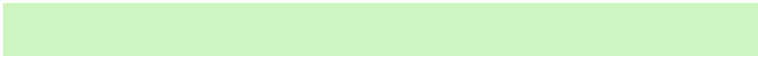
The Sweet Spot groups the original color and five complimentary colors.



C1F4E8



F0FFFB



CEF4C1



77807D



000000



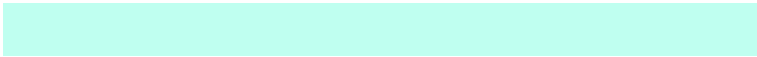
808080

Same Dimension

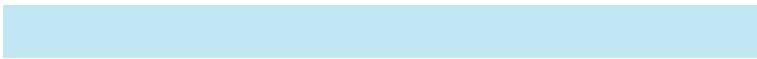
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C1F4E8



BFFFF0



C1E7F4



6E7A78



00BA8E



003B2D

Inverse Universe

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



F4C1CD



FFBFCE



F4CEC1



7A6E71



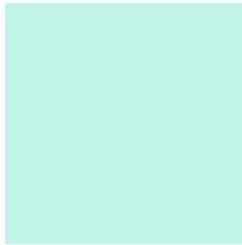
BA002C



3B000E

Previews

White Background



This preview shows how the Hex color C1F4E8 looks on a white background.

Color Contrast Check

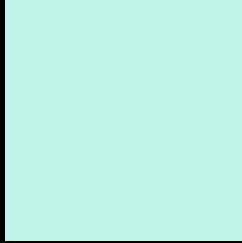
Large Text (above 18pt) WCAG AA × Fail

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 C1F4E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

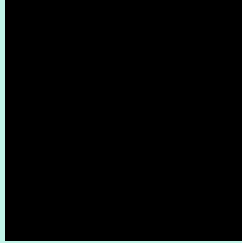
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

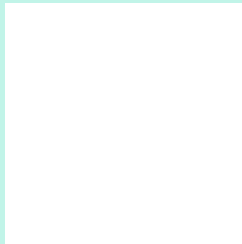
Any Text WCAG AAA ✓ Pass

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

Hex C1F4E8 Background



This preview shows how black text looks on a background with the Hex color C1F4E8.



This preview shows how white text looks on a background with the Hex color C1F4E8.

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](#).

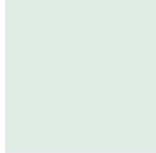
Dichromacy



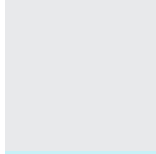
Trichromacy



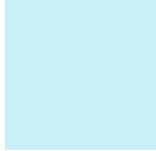
Original Color
C1F4E8



Protanomaly
DEECE4



Deuteranomaly
E8E9EB

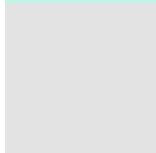


Tritanomaly
C8F1F7

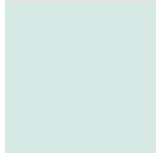
Monochromacy



Original Color
C1F4E8



Achromatopsia
E3E3E3



Achromatomaly
D7E9E5

CSS Examples

Text

The CSS property to change the color of the text to Hex C1F4E8 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 #C1F4E8 looks like.

```
.text, #text, p{  
    color:#C1F4E8  
}
```

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 #C1F4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1F4E8
}
```

Border

The CSS property to change the border of an element to Hex C1F4E8 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
#C1F4E8 }
```

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

```
.border{ border-color:#C1F4E8 }
```

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

Here you see how a box with a 4 pixel #C1F4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1F4E8; -webkit-box-shadow:4px 4px  
4px 4px #C1F4E8; box-shadow:4px 4px 4px  
4px #C1F4E8 }
```

Background

The CSS property to change the background color of an element to Hex C1F4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1F4E8 }
```

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

```
.background{ background-color:#C1F4E8 }
```

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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