

Converting Colors

Hex(C1EFE4)

Have a look what the booklet for
Hex(C1EFE4) contains.

Hex(C1EFE4)	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(C1EFE4)

Conversions

Conversions Part 1

Format	Color
Hex	C1EFE4
RGB	193, 239, 228
RGB Percent	76%, 94%, 89%
CMY	0.2431, 0.0627, 0.1059
CMYK	0.19, 0.00, 0.05, 0.06
HSL	166°, 59%, 85%
HSV	166°, 19%, 94%
XYZ	66.8624, 78.6719, 85.0600
YIQ	223.9920, -23.8850, -13.1730

Conversions

Conversions Part 2

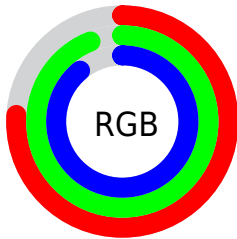
Format	Color
RYB	193, 219, 239
Decimal	12709860
CIELab	91.09, -16.89, 0.43
CIElCh	91, 16.898, 178.534
Yxy	78.6719, 0.2900, 0.3412
Android (android.graphics.Color)	4290899940 (0xFFC1EFE4)
YUV	223.9920, 1.9759, -27.1800
Hunter-Lab	88.6972, -20.6618, 5.2293

Details

The Hex color **C1EFE4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EFC1CC**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FAFFFF**, and **8BB7AD** is the 20% darker color. If you saturate the color by 10%, you get **A9EFDE**, and if you desaturate by 10%, it is **D9EFEA**.

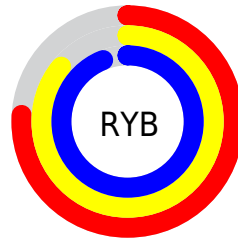
Distribution



Red (76%)

Green (94%)

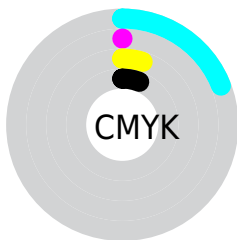
Blue (89%)



Red (76%)

Yellow (86%)

Blue (94%)

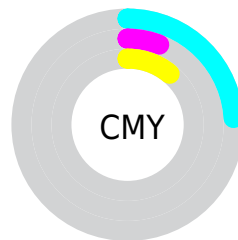


Cyan (19%)

Magenta (0%)

Yellow (5%)

Black (6%)



Cyan (24%)

Magenta (6%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1EFE4 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 C1EFE4 by changing the saturation by 10% instead.

 C1EFE4

FFFFFF

 FAFFFF

 C1EFE4

 A5D3C8

 8BB7AD

 719C92

 578278

 3F6960

 275048

 0E3932

 00231D

 000803

 C1EFE4

 C1EFE4

 A9EFDE

 D9EFEA

 91EFD9

 F1EFEF

 79EFD3

 FFEFF5

 61EFCF

 FFEFFB

 49EFC7

 FFEFFF

 32EFC2

 1AEFBC

 02EFB6

 00EFB6

Harmonies

Analogous

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



CFEDD4



C1EFE4



BCEFF4

Triad

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



C1EFE4



E8E2FF



FFDFCA

Complementary

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



C1EFE4



EFC1CC

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.



FFDBD7



C1EFE4



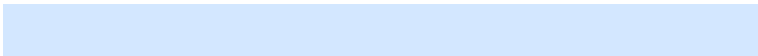
FADDF7

Square

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



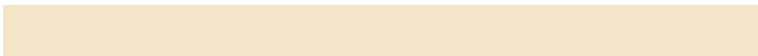
C1EFE4



D3E7FF



FFDAE7



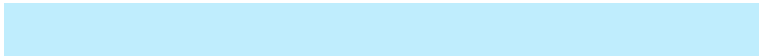
F3E4C5

Rectangle

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



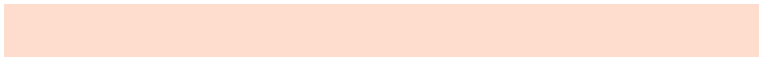
C1EFE4



BFEDFD



FFDAE7



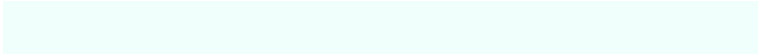
FFDDCE

Sweetspot

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



C1EFE4



F0FFFB



CCEFC1



77807D



000000



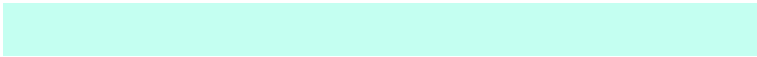
808080

Same Dimension

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



C1EFE4



C4FFF1



C1E3EF



6C7875



00B88C



00382B

Inverse Universe

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



EFC1CC



FFC4D2



EFC1C1



786C6F



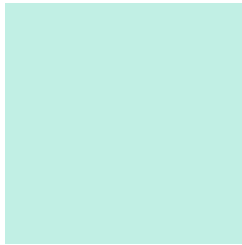
B8002C



38000D

Previews

White Background



This preview shows how the Hex color C1EFE4 looks on a white background.

Color Contrast Check

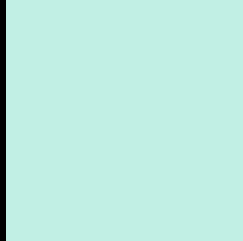
Large Text (above 18pt) WCAG AA × Fail

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 C1EFE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

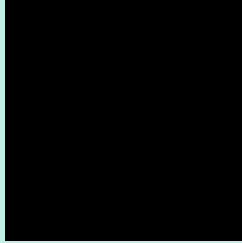
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

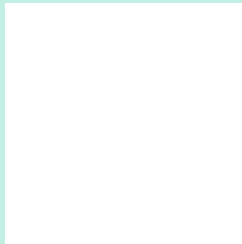
Any Text WCAG AAA ✓ Pass

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

Hex C1EFE4 Background



This preview shows how black text looks on a background with the Hex color C1EFE4.



This preview shows how white text looks on a background with the Hex color C1EFE4.

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



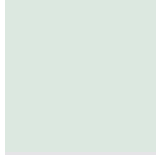


Tritanopia
C6EBFE

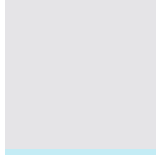
Trichromacy



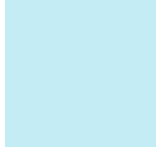
Original Color
C1EFE4



Protanomaly
DCE8E0



Deuteranomaly
E5E4E7

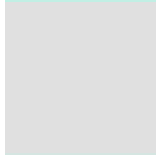


Tritanomaly
C4ECF5

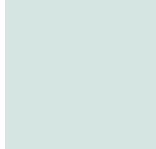
Monochromacy



Original Color
C1EFE4



Achromatopsia
E0E0E0



Achromatomaly
D5E5E1

CSS Examples

Text

The CSS property to change the color of the text to Hex C1EFE4 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 #C1EFE4 looks like.

```
.text, #text, p{  
    color:#C1EFE4  
}
```

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 #C1EFE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1EFE4 }  
}
```

Border

The CSS property to change the border of an element to Hex C1EFE4 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 #C1EFE4 }  
}
```

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

```
.border{ border-color:#C1EFE4 }
```

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

Here you see how a box with a 4 pixel #C1EFE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1EFE4; -webkit-box-shadow:4px 4px  
4px 4px #C1EFE4; box-shadow:4px 4px 4px  
4px #C1EFE4 }
```

Background

The CSS property to change the background color of an element to Hex C1EFE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1EFE4 }
```

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

```
.background{ background-color:#C1EFE4 }
```

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