

Converting Colors

Hex(CBFEF8)

Have a look what the booklet for
Hex(CBFEF8) contains.

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Color

Hex(CBFEF8)

Conversions

Conversions Part 1

Format	Color
Hex	CBFEF8
RGB	203, 254, 248
RGB Percent	80%, 100%, 97%
CMY	0.2039, 0.0039, 0.0275
CMYK	0.20, 0.00, 0.02, 0.00
HSL	173°, 96%, 90%
HSV	173°, 20%, 100%
XYZ	77.0137, 90.3574, 102.1886
YIQ	238.0670, -28.4700, -12.6780

Conversions

Conversions Part 2

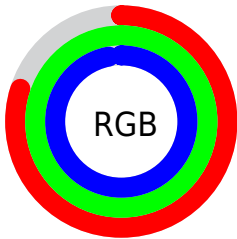
Format	Color
R_{YB}	203, 230, 254
Decimal	13369080
CIE _{Lab}	96.14, -17.25, -2.46
CIE _{LCh}	96, 17.421, 188.121
Yxy	90.3574, 0.2857, 0.3352
Android (android.graphics.Color)	4291559160 (0xFFCBBFEF8)
YUV	238.0670, 4.8970, -30.7538
Hunter-Lab	95.0565, -21.7303, 2.8010

Details

The Hex color **CBFEF8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FECBD1**, and the grayscale version is **EEEEEE**.

A 20% lighter version of the original color is **FFFFFF**, and **94C5C0** is the 20% darker color. If you saturate the color by 10%, you get **B2FEF5**, and if you desaturate by 10%, it is **E4FEFB**.

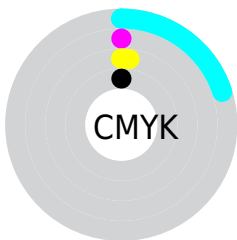
Distribution



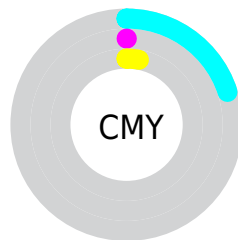
- Red (80%)
- Green (100%)
- Blue (97%)



- Red (80%)
- Yellow (90%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBFEF8 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 CBFEF8 by changing the saturation by 10% instead.

 CBFEF8

FFFFFF

 CBFEF8

 AFE1DB

 94C5C0

 79AAA5

 608F8A

 477671

 2E5D58

 144541

 002E2B

 001B17

 CBFEF8

 CBFEF8

 B2FEF5

 E4FEFB

 98FEF2

 FEFEFE

 7FFEEF

 FFFEFF

 65FEEC

 4CFEE9

 33FEE6

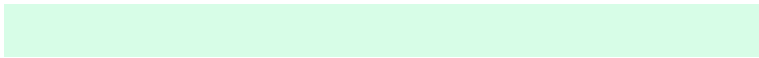
 19FEE3

 00FEE0

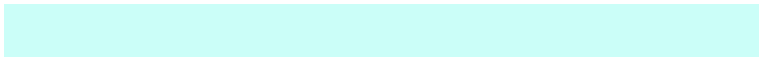
Harmonies

Analogous

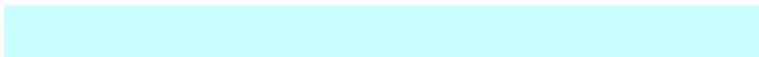
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D7FDE7



CBFEF8



C9FDFF

Triad

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



CBFEF8



FDEEFF



FFEFD5

Complementary

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



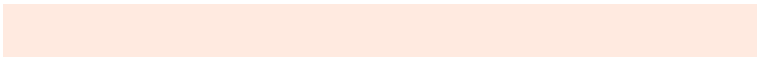
CBFEF8



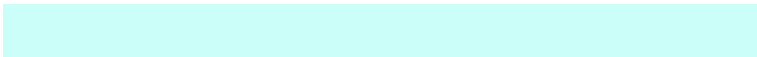
FECBD1

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.



FFEAEO



CBFEF8



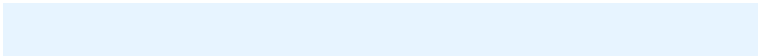
FFEAFF

Square

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



CBFEF8



E7F4FF



FFE8F0



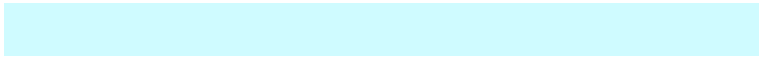
FD4D3

Rectangle

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



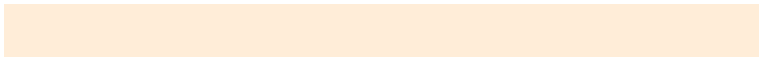
CBFEF8



CFFBFF



FFE8F0



FFEDD8

Sweetspot

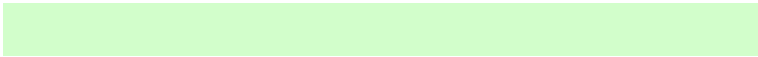
The Sweet Spot groups the original color and five complimentary colors.



CBFEF8



F0FFFD



D2FECB



77807E



000000



808080

Same Dimension

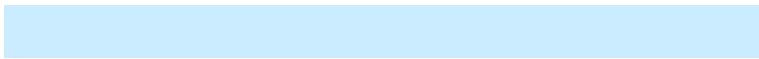
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CBFEF8



C2FFF8



CBEBFE



73807E



00BFA9



004038

Inverse Universe

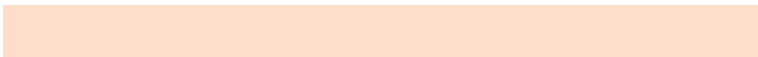
The Inverse Universe completely reimagines the original color for something new.



FECBD1



FFC2C9



FEDECB



807374



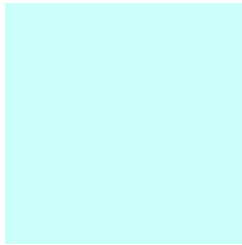
BF0017



400008

Previews

White Background



This preview shows how the Hex color CBF8F8 looks on a white background.

Color Contrast Check

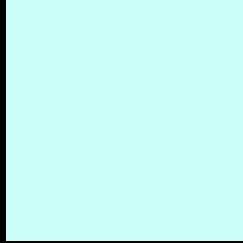
Large Text (above 18pt) WCAG AA × Fail

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 CBF8F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

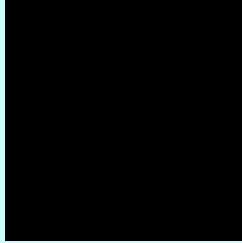
Any Text WCAG AA ✓ Pass

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 CBFEF8 Background



This preview shows how black text looks on a background with the Hex color CBFEF8.

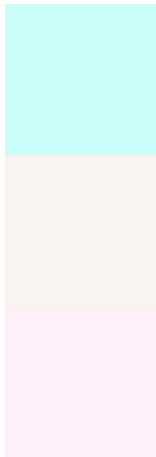


This preview shows how white text looks on a background with the Hex color CBFEF8.

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



Original Color
CBFEF8

Protanopia
F8F2F1

Deuteranopia
FFEFF8

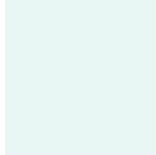


Tritanopia
E5F6FF

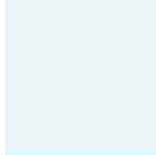
Trichromacy



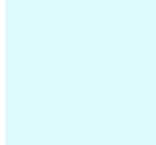
Original Color
CBFEF8



Protanomaly
E8F6F4

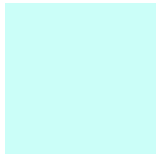


Deuteranomaly
ECF4F8

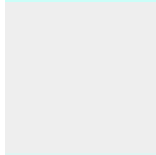


Tritanomaly
DCF9FC

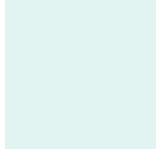
Monochromacy



Original Color
CBFEF8



Achromatopsia
EEEEEE



Achromatomaly
E1F4F2

CSS Examples

Text

The CSS property to change the color of the text to Hex CBFEF8 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 #CBFEF8 looks like.

```
.text, #text, p{  
    color:#CBFEF8  
}
```

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 #CBFEF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBFEF8 }  
}
```

Border

The CSS property to change the border of an element to Hex CBFEF8 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 #CBFEF8 }  
}
```

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

```
.border{ border-color:#CBFEF8 }
```

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

Here you see how a box with a 4 pixel #CBFEF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBFEF8; -webkit-box-shadow:4px 4px  
4px 4px #CBFEF8; box-shadow:4px 4px 4px  
4px #CBFEF8 }
```

Background

The CSS property to change the background color of an element to Hex CBFEF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBFEF8 }
```

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

```
.background{ background-color:#CBFEF8 }
```

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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