

# Converting Colors

Hex(C7FBEB)

Have a look what the booklet for  
Hex(C7FBEB) contains.

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# **Color**

**Hex(C7FBEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7FBEB
RGB	199, 251, 235
RGB Percent	78%, 98%, 92%
CMY	0.2196, 0.0157, 0.0784
CMYK	0.21, 0.00, 0.06, 0.02
HSL	162°, 87%, 88%
HSV	162°, 21%, 98%
XYZ	73.0458, 87.1346, 91.5660
YIQ	233.6280, -25.8560, -16.0000

# Conversions

## Conversions Part 2

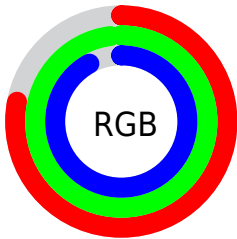
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 230, 251
Decimal	13106155
CIELab	94.80, -19.58, 2.25
CIELCh	95, 19.705, 173.452
Yxy	87.1346, 0.2902, 0.3461
Android (android.graphics.Color)	4291296235 (0xFFC7FBEB)
YUV	233.6280, 0.6764, -30.3688
Hunter-Lab	93.3459, -23.6742, 7.1827

# Details

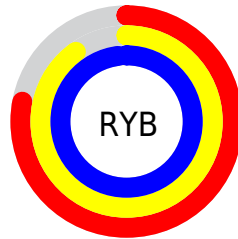
The Hex color **C7FBEB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FBC7D7**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **90C2B3** is the 20% darker color. If you saturate the color by 10%, you get **AEFBEB**, and if you desaturate by 10%, it is **E0FBF3**.

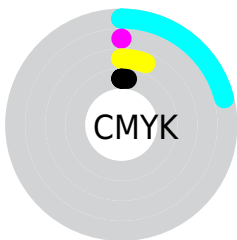
# Distribution



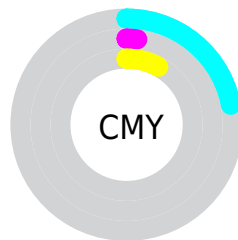
- Red (78%)
- Green (98%)
- Blue (92%)



- Red (78%)
- Yellow (90%)
- Blue (98%)



- Cyan (21%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (22%)
- Magenta (2%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7FBEB 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 C7FBEB by changing the saturation by 10% instead.



 C7FBEB

FFFFFF

 C7FBEB

 ABDECF

 90C2B3

 76A799

 5C8D7F

 437366

 2B5A4E

 114237

 002C22

 00190B

 C7FBEB

 C7FBEB

 AEFBE3

 E0BF3

 95FBDC

 F9BF3

 7CFBD4

 FFFBFF

 63FBCC

 4AFBC4

 30FBBD

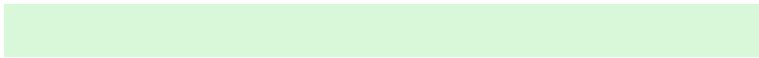
 17FBB5

 00FBAE

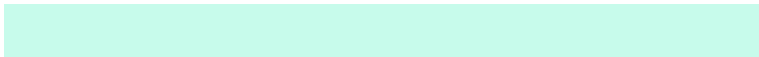
# Harmonies

## Analogous

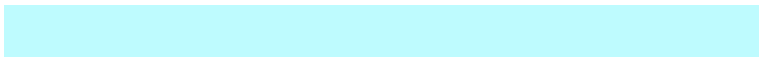
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D9F8D9



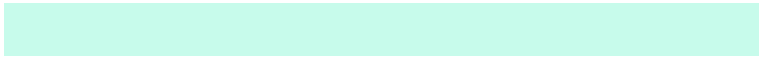
C7FBEB



BEFBFE

# Triad

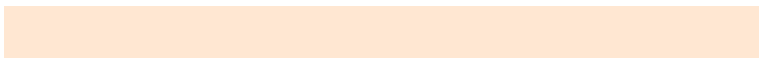
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C7FBEB



EEEDFF



FFE7D2

# Complementary

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



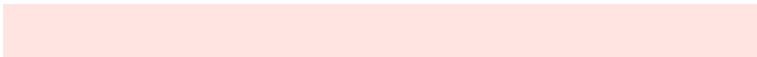
C7FBEB



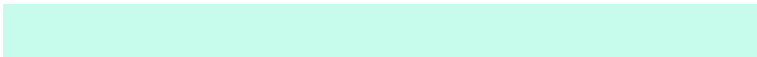
FBC7D7

# 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.



FFE4E2



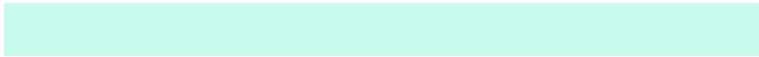
C7FBEB



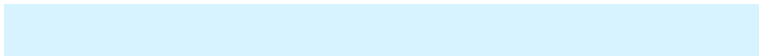
FFE7FF

# Square

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



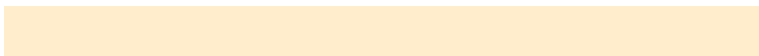
C7FBEB



D6F3FF



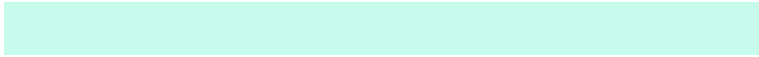
FFE3F5



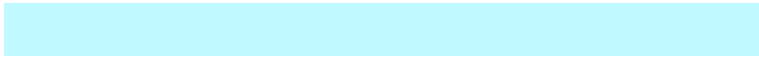
FFEDCB

# Rectangle

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



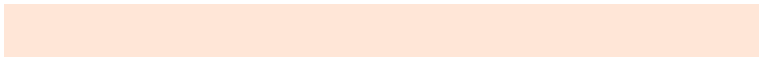
C7FBEB



C0F9FF



FFE3F5

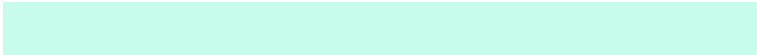


FFE6D7



# Sweetspot

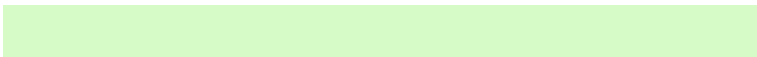
The Sweet Spot groups the original color and five complimentary colors.



C7FBEB



F0FFFA



D7FBC7



77807D



000000

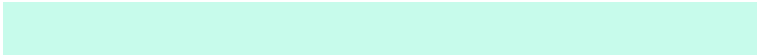


808080

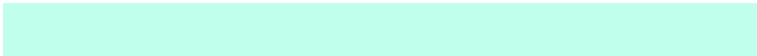


# Same Dimension

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



C7FBEB



BFFFEB



C7F1FB



707D79



00BD83



003D2A



# Inverse Universe

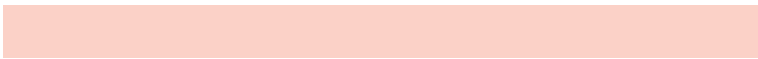
The Inverse Universe completely reimagines the original color for something new.



FBC7D7



FFBFD3



FBD1C7



7D7074



BD003A

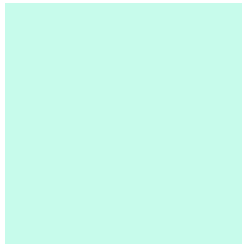


3D0013



# Previews

## White Background



This preview shows how the Hex color C7FBEB looks on a white background.

## Color Contrast Check

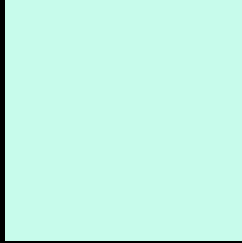
Large Text (above 18pt) WCAG AA × Fail

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 C7FBEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

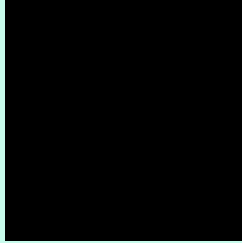
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

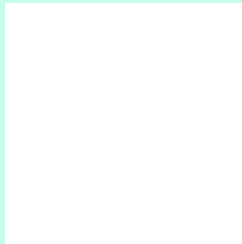
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7FBEB Background



This preview shows how black text looks on a background with the Hex color C7FBEB.



This preview shows how white text looks on a background with the Hex color C7FBEB.

# 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



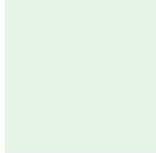


**Tritanopia**  
DDF3FF

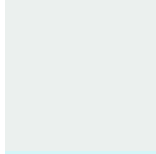
# Trichromacy



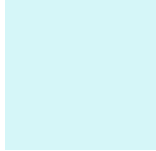
**Original Color**  
C7FBEB



**Protanomaly**  
E5F3E7

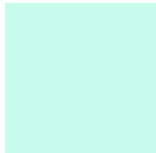


**Deuteranomaly**  
EBF0EE

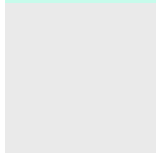


**Tritanomaly**  
D5F6F8

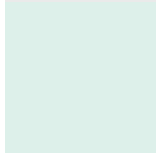
# Monochromacy



**Original Color**  
C7FBEB



**Achromatopsia**  
EAEAEA



**Achromatomaly**  
DDF0EA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7FBEB 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 #C7FBEB looks like.

```
.text, #text, p{  
    color:#C7FBEB  
}
```

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 #C7FBEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7FBEB
}
```

## Border

The CSS property to change the border of an element to Hex C7FBEB 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
#C7FBEB }
```

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

```
.border{ border-color:#C7FBEB }
```

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

Here you see how a box with a 4 pixel #C7FBEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7FBEB; -webkit-box-shadow:4px 4px  
4px 4px #C7FBEB; box-shadow:4px 4px 4px  
4px #C7FBEB }
```

# Background

The CSS property to change the background color of an element to Hex C7FBEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7FBEB }
```

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

```
.background{ background-color:#C7FBEB }
```

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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