

# Converting Colors

Hex(C5EFD8)

Have a look what the booklet for  
Hex(C5EFD8) contains.

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# **Color**

**Hex(C5EFD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5EFD8
RGB	197, 239, 216
RGB Percent	77%, 94%, 85%
CMY	0.2275, 0.0627, 0.1529
CMYK	0.18, 0.00, 0.10, 0.06
HSL	147°, 57%, 85%
HSV	147°, 18%, 94%
XYZ	66.2871, 78.5612, 76.6359
YIQ	223.8200, -17.6490, -16.0570

# Conversions

## Conversions Part 2

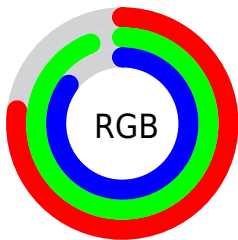
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 226, 239
Decimal	12971992
CIELab	91.04, -17.95, 6.64
CIELCh	91, 19.143, 159.707
Yxy	78.5612, 0.2993, 0.3547
Android (android.graphics.Color)	4291162072 (0xFFC5EFD8)
YUV	223.8200, -3.8553, -23.5211
Hunter-Lab	88.6347, -21.6163, 10.7807

# Details

The Hex color **C5EFD8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EFC5DC**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FEFFFF**, and **8FB7A1** is the 20% darker color. If you saturate the color by 10%, you get **ADEFCE**, and if you desaturate by 10%, it is **DDEFE5**.

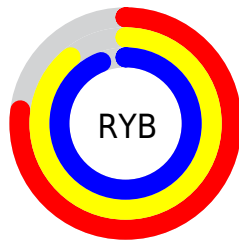
# Distribution



Red (77%)

Green (94%)

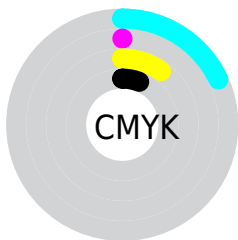
Blue (85%)



Red (77%)

Yellow (89%)

Blue (94%)

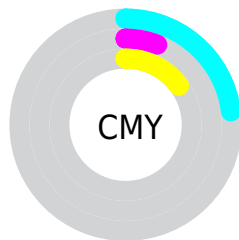


Cyan (18%)

Magenta (0%)

Yellow (10%)

Black (6%)



Cyan (23%)

Magenta (6%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5EFD8 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 C5EFD8 by changing the saturation by 10% instead.



 C5EFD8

FFFFFF

FEFFFF

 C5EFD8

 A9D3BC

 8FB7A1

 759C87

 5C826E

 436955

 2C503E

 153928

 002314

 000700

 C5EFD8

 C5EFD8

 ADEFCEB

 DDEFCE5

 95EFBE

 F5EFF2

 7DEFB1

 FFEFFF

 65EFA4

 4EEF97

 36EF89

 1EEF7C

 06EF6F

 00EF6C

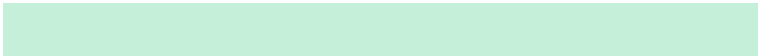
# Harmonies

## Analogous

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



D9EBC9



C5EFD8



B8F0EB

# Triad

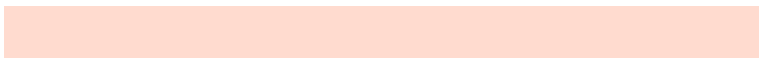
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C5EFD8



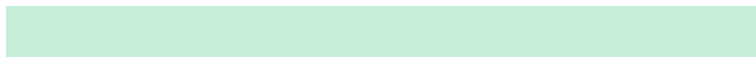
D9E5FF



FFDBC9

# Complementary

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



C5EFD8



EFC5DC

# 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.



FFD9E0



C5EFD8



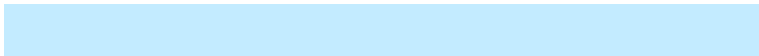
F0DFFF

# Square

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



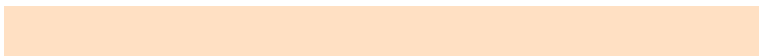
C5EFD8



C3EBFF



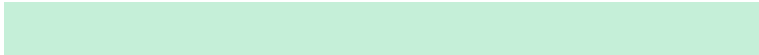
FFDAF2



FFE0C3

# Rectangle

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



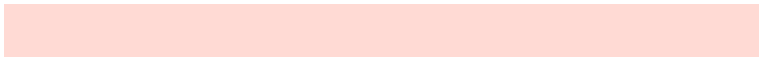
C5EFD8



B5EFF7



FFDAF2

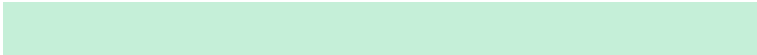


FFDAD4

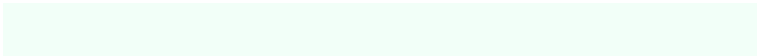


# Sweetspot

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



C5EFD8



F2FFF8



DCEFC5



78807B



000000



808080

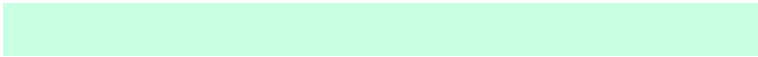


# Same Dimension

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



C5EFD8



C9FFE2



C5EFED



6C7871



00B853



003819



# Inverse Universe

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



EFC5DC



FFC9E7



EFC5C7



786C72



B80065



38001F



# Previews

## White Background



This preview shows how the Hex color C5EFD8 looks on a white background.

## Color Contrast Check

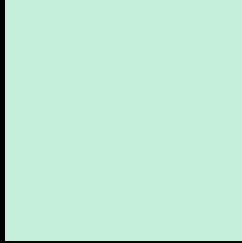
Large Text (above 18pt) WCAG AA × Fail

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 C5EFD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

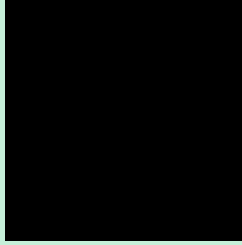
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

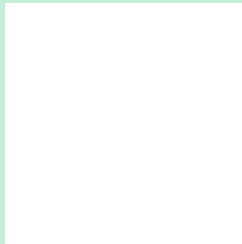
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5EFD8 Background



This preview shows how black text looks on a background with the Hex color C5EFD8.

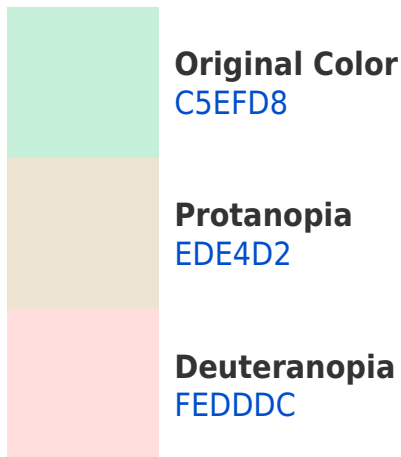


This preview shows how white text looks on a background with the Hex color C5EFD8.

# 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

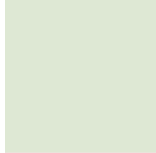




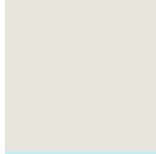
# Trichromacy



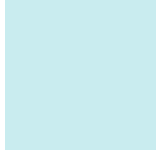
**Original Color**  
C5EFD8



**Protanomaly**  
DEE8D4

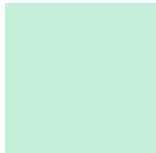


**Deuteranomaly**  
E9E4DB

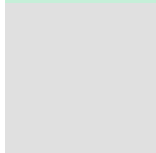


**Tritanomaly**  
C9ECEF

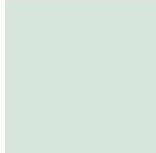
# Monochromacy



**Original Color**  
C5EFD8



**Achromatopsia**  
E0E0E0



**Achromatomaly**  
D6E5DD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5EFD8 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 #C5EFD8 looks like.

```
.text, #text, p{  
    color:#C5EFD8  
}
```

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 #C5EFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5EFD8
}
```

## Border

The CSS property to change the border of an element to Hex C5EFD8 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
#C5EFD8 }
```

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

```
.border{ border-color:#C5EFD8 }
```

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

Here you see how a box with a 4 pixel #C5EFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5EFD8; -webkit-box-shadow:4px 4px  
4px 4px #C5EFD8; box-shadow:4px 4px 4px  
4px #C5EFD8 }
```

# Background

The CSS property to change the background color of an element to Hex C5EFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5EFD8 }
```

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

```
.background{ background-color:#C5EFD8 }
```

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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