

# Converting Colors

Hex(CCEF88)

Have a look what the booklet for  
Hex(CCEFB8) contains.

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# **Color**

**Hex(CCEFB8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCEF88
RGB	204, 239, 184
RGB Percent	80%, 94%, 72%
CMY	0.2000, 0.0627, 0.2784
CMYK	0.15, 0.00, 0.23, 0.06
HSL	98°, 63%, 83%
HSV	98°, 23%, 94%
XYZ	64.4201, 78.0311, 57.0136
YIQ	222.2650, -3.2050, -24.5250

# Conversions

## Conversions Part 2

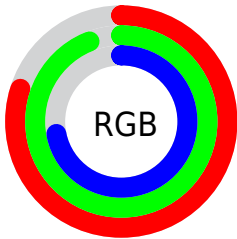
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 239, 219
Decimal	13430712
CIELab	90.79, -21.12, 22.93
CIELCh	91, 31.170, 132.648
Yxy	78.0311, 0.3230, 0.3912
Android (android.graphics.Color)	4291620792 (0xFFCCEFB8)
YUV	222.2650, -18.8646, -16.0184
Hunter-Lab	88.3352, -24.4122, 23.5675

# Details

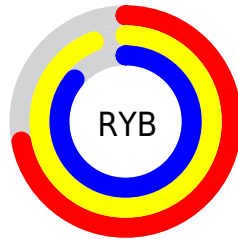
The Hex color **CCEF88** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DBB8EF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFF0**, and **95B783** is the 20% darker color. If you saturate the color by 10%, you get **BDEFA0**, and if you desaturate by 10%, it is **DBEFD0**.

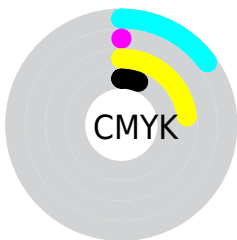
# Distribution



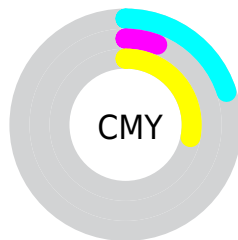
- Red (80%)
- Green (94%)
- Blue (72%)



- Red (72%)
- Yellow (94%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (23%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCEFB8 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 CCEFB8 by changing the saturation by 10% instead.



 CCEF8

FFFFFF

 FFFFF0

 CCEF8


 B0D39D

 95B783

 7B9C69

 628251

 496939

 315023

 1A390D

 042300

 000500

 CCEF88

 CCEF88

 BDEFA0

 DBEFD0

 AEEF88

 EAEFE8

 9EEF70

 FAEFFF

 8FEF58

 FFEFFF

 80EF41

 71EF29

 62EF11

 57EF00

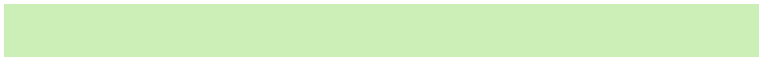
# Harmonies

## Analogous

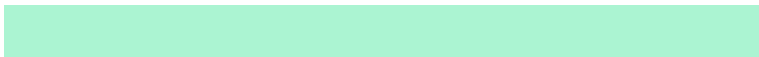
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EEE7AA



CCEF88



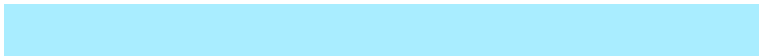
ABF4D2

# Triad

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



CCEF88



A9EDFF



FFCFD9

# Complementary

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



CCEF88



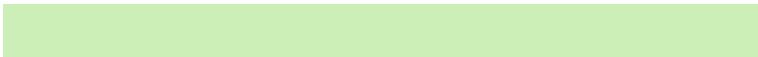
DBB8EF

# Split Complementary

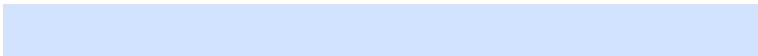
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD1F7



CCEF88



D2E3FF

# Square

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



CCEF88



8FF3FF



F9D9FF



FFD4BD

# Rectangle

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



CCEF88



98F6E6



F9D9FF



FFCFE3



# Sweetspot

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



CCEF88



F4FFED



EFDBB8



798075



000000



808080

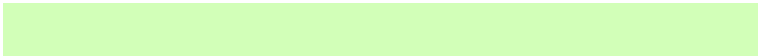


# Same Dimension

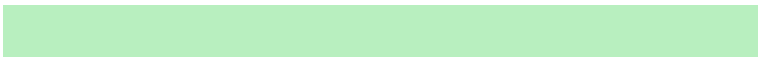
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CCEF88



D2FFB8



B8EFBF



70786C



43B800



143800



# Inverse Universe

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



DBB8EF



E5B8FF



EFB8E8



736C78



7500B8

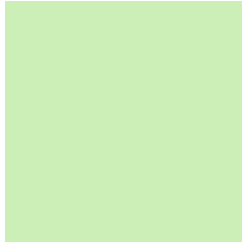


240038



# Previews

## White Background



This preview shows how the Hex color CCEFB8 looks on a white background.

## Color Contrast Check

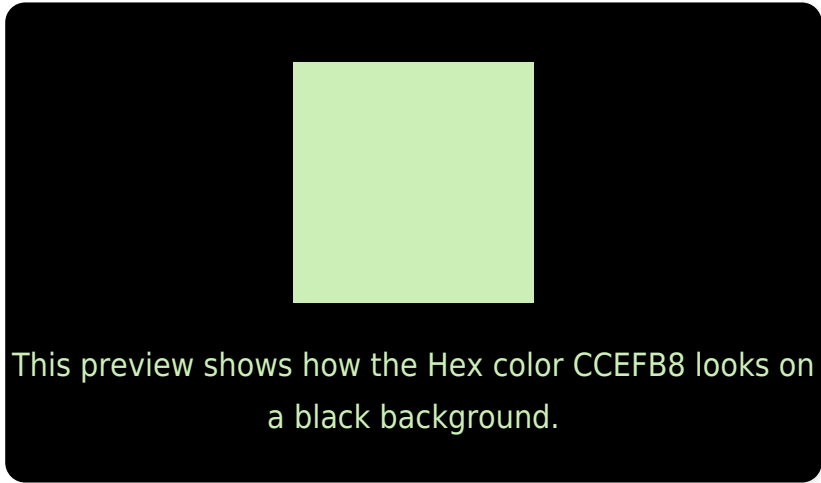
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

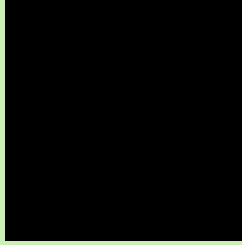
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

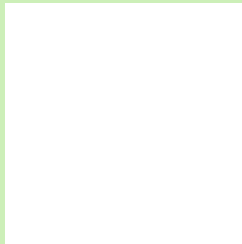
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCEFB8 Background



This preview shows how black text looks on a background with the Hex color CCEFB8.

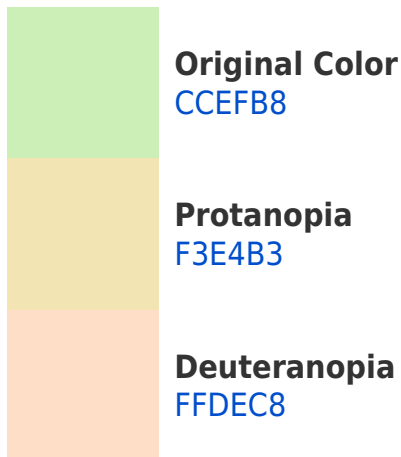


This preview shows how white text looks on a background with the Hex color CCEFB8.

# 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](#).

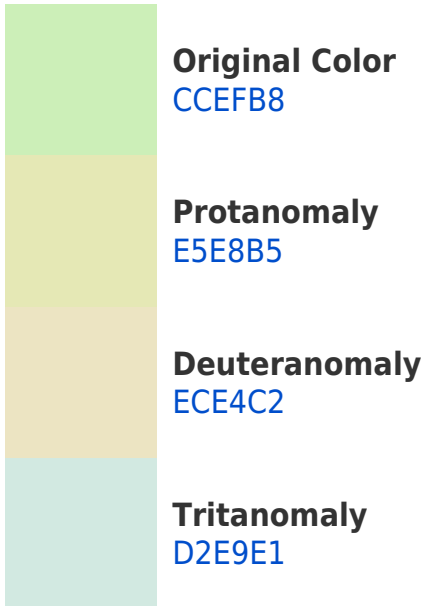
## Dichromacy



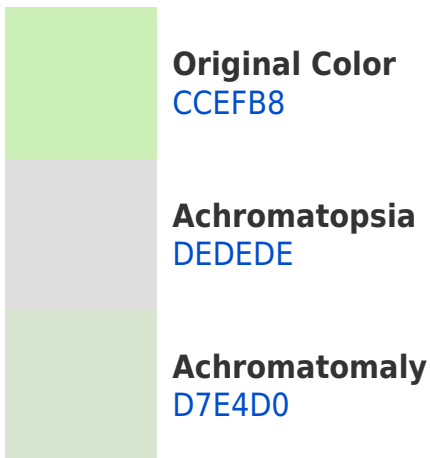


**Tritanopia**  
D6E6F9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCEFB8 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 #CCEFB8 looks like.

```
.text, #text, p{  
    color:#CCEFB8  
}
```

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 #CCEFB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCEFB8 }  
}
```

## Border

The CSS property to change the border of an element to Hex CCEFB8 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 #CCEFB8 }  
}
```

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

```
.border{ border-color:#CCEFB8 }
```

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

Here you see how a box with a 4 pixel #CCEFB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCEFB8; -webkit-box-shadow:4px 4px  
4px 4px #CCEFB8; box-shadow:4px 4px 4px  
4px #CCEFB8 }
```

# Background

The CSS property to change the background color of an element to Hex CCEFB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCEFB8 }
```

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

```
.background{ background-color:#CCEFB8 }
```

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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