

Converting Colors

Hex(CCEF81)

Have a look what the booklet for
Hex(CCEFB1) contains.

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Color

Hex(CCEF81)

Conversions

Conversions Part 1

Format	Color
Hex	CCEF81
RGB	204, 239, 177
RGB Percent	80%, 94%, 69%
CMY	0.2000, 0.0627, 0.3059
CMYK	0.15, 0.00, 0.26, 0.06
HSL	94°, 66%, 82%
HSV	94°, 26%, 94%
XYZ	63.7042, 77.7447, 53.2436
YIQ	221.4670, -0.9580, -26.7020

Conversions

Conversions Part 2

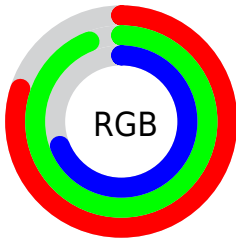
Format	Color
RYB	177, 239, 212
Decimal	13430705
CIELab	90.66, -22.19, 26.33
CIElCh	91, 34.435, 130.113
Yxy	77.7447, 0.3272, 0.3993
Android (android.graphics.Color)	4291620785 (0xFFCCEFB1)
YUV	221.4670, -21.9222, -15.3186
Hunter-Lab	88.1730, -25.3381, 25.9185

Details

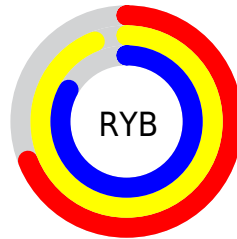
The Hex color **CCEF B1** is a light color, and the websafe version is hex **CCFF CC**. A complement of this color would be **D4B1 EF**, and the grayscale version is **DEDE DE**.

A 20% lighter version of the original color is **FFFF E9**, and **95B7 7C** is the 20% darker color. If you saturate the color by 10%, you get **BF EF 99**, and if you desaturate by 10%, it is **D9 EF C9**.

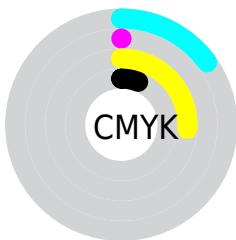
Distribution



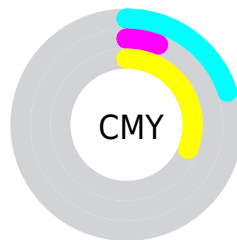
- Red (80%)
- Green (94%)
- Blue (69%)



- Red (69%)
- Yellow (94%)
- Blue (83%)



- Cyan (15%)
- Magenta (0%)
- Yellow (26%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCEFB1 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 CCEFB1 by changing the saturation by 10% instead.

 CCEF81

FFFFFF

 FFFF89

 CCEF81

 B0D396

 95B77C

 7B9C63

 61824A

 496933

 31501D

 193905

 002300

 000500

 CCEF81

 CCEF81

 BFEF99

 D9EFC9

 B1EF81

 E7EFE1

 A4EF69

 F4EFF9

 96EF51

 FFEFFF

 89EF39

 7BEF22

 6EEF0A

 68EF00

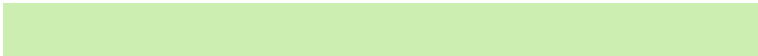
Harmonies

Analogous

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



F1E6A3



CCEF81



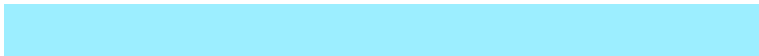
A6F5CD

Triad

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



CCEF81



99E9FF



FF99CC

Complementary

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



CCEF81



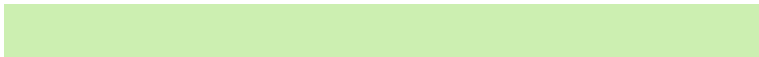
D4B1E8

Split Complementary

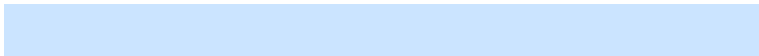
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCFFB



CCEFBI



CBE4FF

Square

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



CCEF81



80F4FF



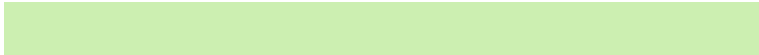
F7D8FF



FFD1BB

Rectangle

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



CCEF81



90F7E3



F7D8FF



FFCCE5

Sweetspot

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



CCEF81



F3FF8B



EFD381



788073



000000



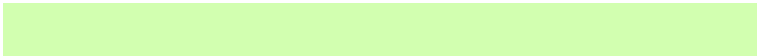
808080

Same Dimension

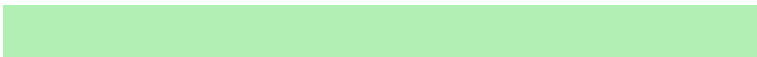
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CCEF81



D2FFB0



B1EFB4



71786C



50B800



183800

Inverse Universe

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



D4B1EF



DDB0FF



EFB1EC



736C78



6800B8



200038

Previews

White Background



This preview shows how the Hex color CCEFB1 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 CCEFB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

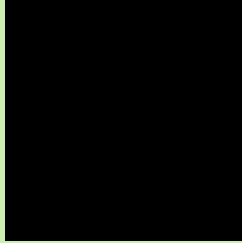
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

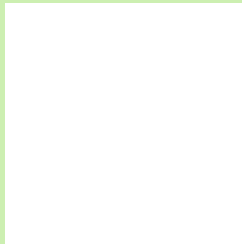
Any Text WCAG AAA ✓ Pass

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

Hex CCEFB1 Background



This preview shows how black text looks on a background with the Hex color CCEFB1.

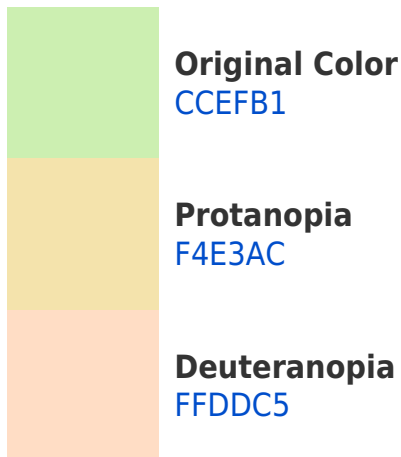


This preview shows how white text looks on a background with the Hex color CCEFB1.

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](#).

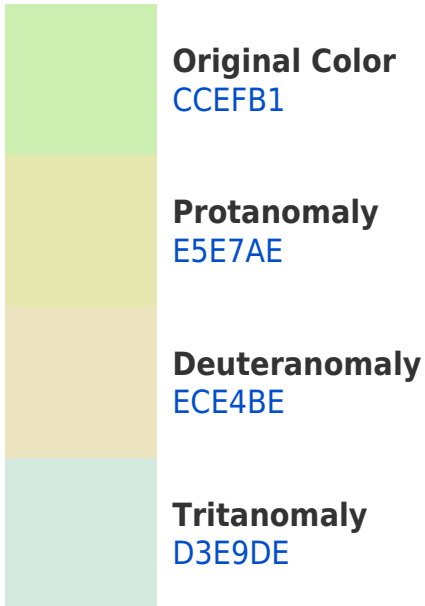
Dichromacy



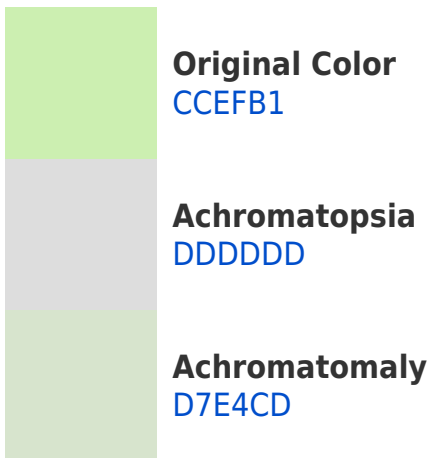


Tritanopia
D7E6F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCEFB1 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 #CCEFB1 looks like.

```
.text, #text, p{  
    color:#CCEFB1  
}
```

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 #CCEFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCEFB1  
}
```

Border

The CSS property to change the border of an element to Hex CCEFB1 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  
#CCEFB1 }
```

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

```
.border{ border-color:#CCEFB1 }
```

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

Here you see how a box with a 4 pixel `#CCEFB1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCEFB1; -webkit-box-shadow:4px 4px  
4px 4px #CCEFB1; box-shadow:4px 4px 4px  
4px #CCEFB1 }
```

Background

The CSS property to change the background color of an element to Hex CCEFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCEFB1 }
```

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

```
.background{ background-color:#CCEFB1 }
```

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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