

# Converting Colors

Hex(CBFDC3)

Have a look what the booklet for  
Hex(CBFDC3) contains.

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# Color

**Hex(CBFDC3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBFDC3
RGB	203, 253, 195
RGB Percent	80%, 99%, 76%
CMY	0.2039, 0.0078, 0.2353
CMYK	0.20, 0.00, 0.23, 0.01
HSL	112°, 94%, 88%
HSV	112°, 23%, 99%
XYZ	69.6042, 86.8872, 64.7321
YIQ	231.4380, -11.1820, -28.6380

# Conversions

## Conversions Part 2

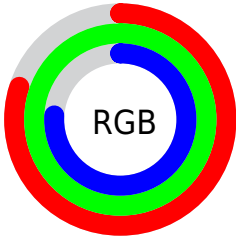
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 253, 245
Decimal	13368771
CIELab	94.69, -26.43, 22.67
CIELCh	95, 34.826, 139.376
Yxy	86.8872, 0.3146, 0.3928
Android (android.graphics.Color)	4291558851 (0xFFC8FDC3)
YUV	231.4380, -17.9639, -24.9401
Hunter-Lab	93.2133, -29.8338, 24.0753

# Details

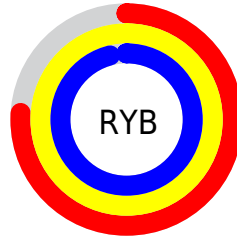
The Hex color **CBFDC3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **F5C3FD**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFFFC**, and **94C48D** is the 20% darker color. If you saturate the color by 10%, you get **B5FDAA**, and if you desaturate by 10%, it is **E1FDDC**.

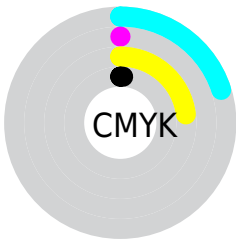
# Distribution



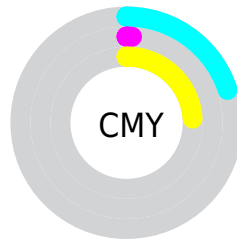
- Red (80%)
- Green (99%)
- Blue (76%)



- Red (76%)
- Yellow (99%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (23%)
- Black (1%)



- Cyan (20%)
- Magenta (1%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBFDC3 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 CBFDC3 by changing the saturation by 10% instead.



 CBFDC3

 CBFDC3

FFFFFFF

 AFE0A8

FFFFFFC

 94C48D

 7AA973

 608E5A

 477443

 2F5C2C

 164416

 002D00

 001900

 CBFDC3

 CBFDC3

 B5FDAA

 E1FDDC

 9FFD90

 F7FDF6

 8AFD77

 FFFDFF

 74FD5E

 5EFD45

 48FD2B

 32FD12

 23FD00

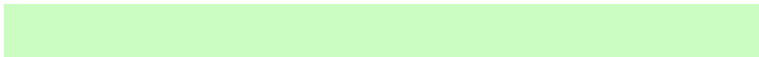
# Harmonies

## Analogous

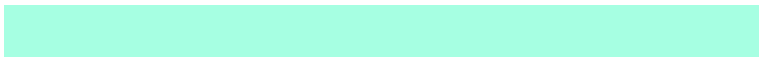
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F1F4B0



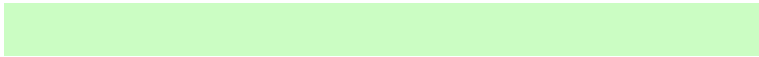
CBFDC3



A6FFE2

# Triad

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



CBFDC3



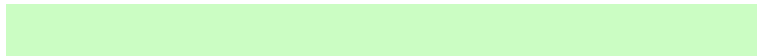
B5F7FF



FFD8DB

# Complementary

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



CBFDC3



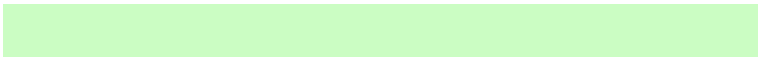
F5C3FD

# 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.



FFD8FD



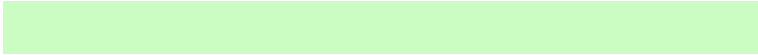
CBFDC3



E5EBFF

# Square

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



CBFDC3



90FFFF



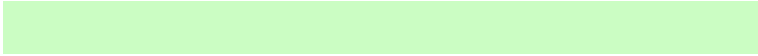
FFE0FF



FFDFBE

# Rectangle

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



CBFDC3



92FFF9



FFE0FF

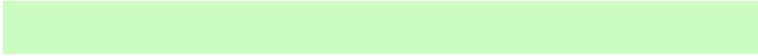


FFD7E6

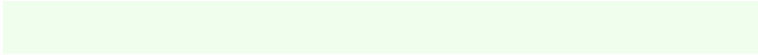


# Sweetspot

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



CBFDC3



F0FFED



FDF4C3



778075



000000

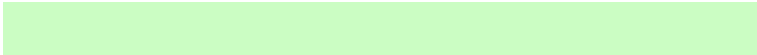


808080

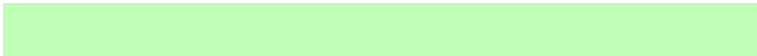


# Same Dimension

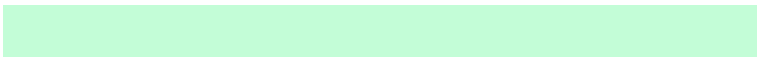
The Same Dimension uses a secret algorithm to generate beautiful new colors.



CBFDC3



C1FFB8



C3FDD7



758073



1ABF00



094000



# Inverse Universe

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



F5C3FD



F5B8FF



FDC3E9



7E7380



A500BF

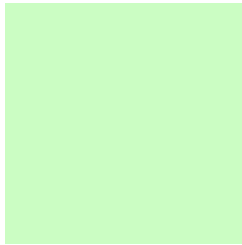


370040



# Previews

## White Background



This preview shows how the Hex color CBFDC3 looks on a white background.

## Color Contrast Check

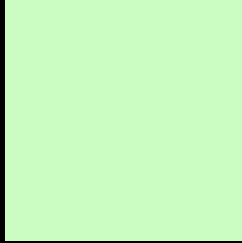
Large Text (above 18pt) WCAG AA × Fail

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 CBFDC3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

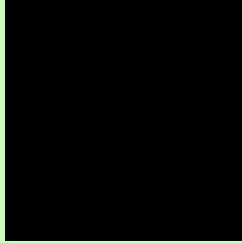
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

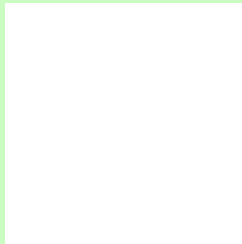
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBFDC3 Background



This preview shows how black text looks on a background with the Hex color CBFDC3.

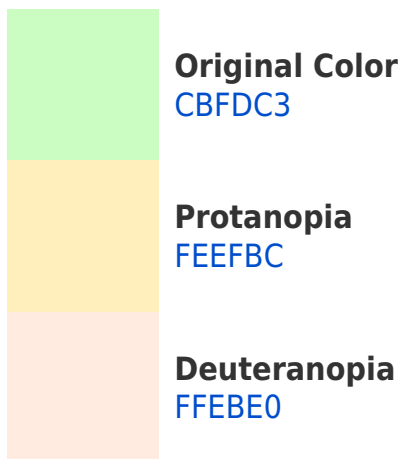


This preview shows how white text looks on a background with the Hex color CBFDC3.

# 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



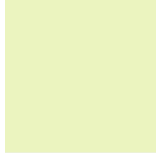


**Tritanopia**  
E0F2FF

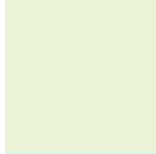
# Trichromacy



**Original Color**  
CBFDC3



**Protanomaly**  
EBF4BF

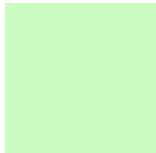


**Deuteranomaly**  
ECF2D5

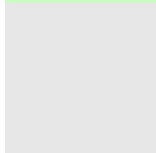


**Tritanomaly**  
D8F6E9

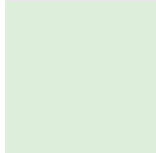
# Monochromacy



**Original Color**  
CBFDC3



**Achromatopsia**  
E7E7E7



**Achromatomaly**  
DDEFDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBFDC3 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 #CBFDC3 looks like.

```
.text, #text, p{  
    color:#CBFDC3  
}
```

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 #CBFDC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBFDC3 }  
}
```

## Border

The CSS property to change the border of an element to Hex CBFDC3 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 #CBFDC3 }  
}
```

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

```
.border{ border-color:#CBFDC3 }
```

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

Here you see how a box with a 4 pixel #CBFDC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBFDC3; -webkit-box-shadow:4px 4px  
4px 4px #CBFDC3; box-shadow:4px 4px 4px  
4px #CBFDC3 }
```

# Background

The CSS property to change the background color of an element to Hex CBFDC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBFDC3 }
```

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

```
.background{ background-color:#CBFDC3 }
```

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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