

# Converting Colors

Hex(C7FDC5)

Have a look what the booklet for  
Hex(C7FDC5) contains.

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# **Color**

**Hex(C7FDC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7FDC5
RGB	199, 253, 197
RGB Percent	78%, 99%, 77%
CMY	0.2196, 0.0078, 0.2275
CMYK	0.21, 0.00, 0.22, 0.01
HSL	118°, 93%, 88%
HSV	118°, 22%, 99%
XYZ	68.7565, 86.4239, 65.8810
YIQ	230.4700, -14.2080, -28.8640

# Conversions

## Conversions Part 2

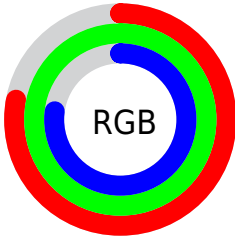
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 253, 251
Decimal	13106629
CIELab	94.49, -27.42, 21.35
CIElCh	94, 34.750, 142.100
Yxy	86.4239, 0.3110, 0.3909
Android (android.graphics.Color)	4291296709 (0xFFC7FDC5)
YUV	230.4700, -16.5007, -27.5992
Hunter-Lab	92.9645, -30.6692, 23.0582

# Details

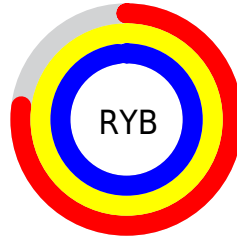
The Hex color **C7FDC5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **FBC5FD**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFFE**, and **90C48F** is the 20% darker color. If you saturate the color by 10%, you get **AFFDAC**, and if you desaturate by 10%, it is **DFFDDE**.

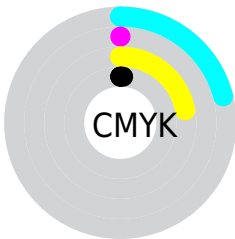
# Distribution



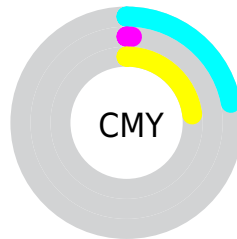
- Red (78%)
- Green (99%)
- Blue (77%)



- Red (77%)
- Yellow (99%)
- Blue (98%)



- Cyan (21%)
- Magenta (0%)
- Yellow (22%)
- Black (1%)



- Cyan (22%)
- Magenta (1%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7FDC5 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 C7FDC5 by changing the saturation by 10% instead.



 C7FDC5

 C7FDC5

FFFFFFF

 ABE0AA

FFFFFFE

 90C48F

 76A975

 5C8E5C

 437444

 2A5B2E

 104418

 002D00

 001800

 C7FDC5

 C7FDC5

 AFFDAC

 DFFDDE

 96FD92

 F8FDF8

 7EFD79

 FFFDFF

 65FD60

 4DFD46

 35FD2D

 1CFD14

 09FD00

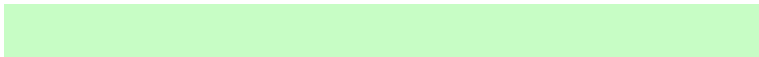
# Harmonies

## Analogous

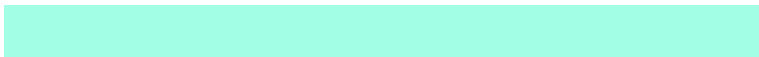
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EEF5B0



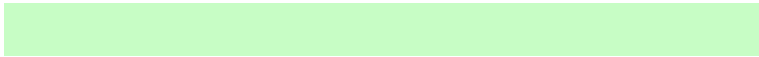
C7FDC5



A2FFE5

# Triad

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



C7FDC5



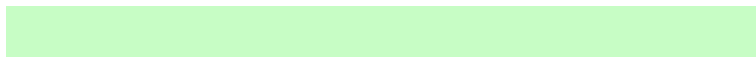
B8F5FF



FFD8D7

# Complementary

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



C7FDC5



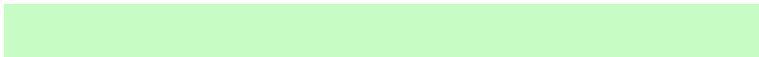
FBC5FD

# 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.



FFD7F9



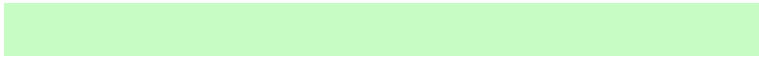
C7FDC5



E8EAFF

# Square

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



C7FDC5



92FDFD



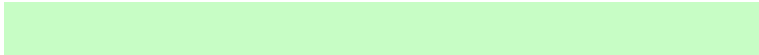
FFDEFF



FFDFBB

# Rectangle

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



C7FDC5



90FFFC



FFDEFF

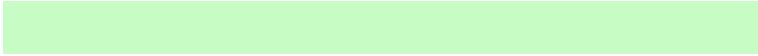


FFD7E3



# Sweetspot

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



C7FDC5



EEFFED



FDFAC5



768075



000000

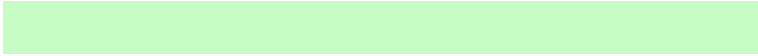


808080

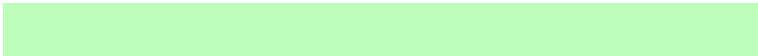


# Same Dimension

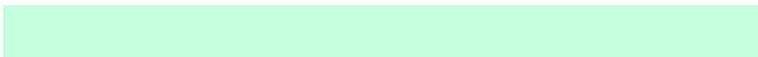
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C7FDC5



BDFBFA



C5FDDE



738073



07BF00



024000



# Inverse Universe

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



FBC5FD



FDBAFF



FDC5E4



7F7380



B800BF

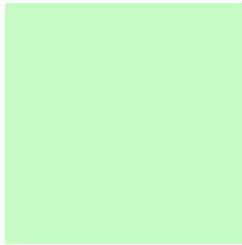


3D0040



# Previews

## White Background



This preview shows how the Hex color C7FDC5 looks on a white background.

## Color Contrast Check

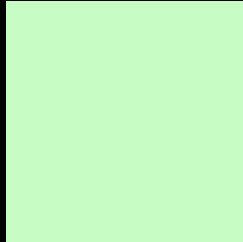
Large Text (above 18pt) WCAG AA × Fail

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 C7FDC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

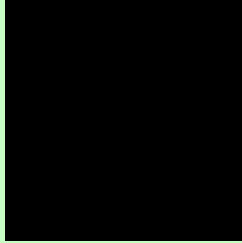
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

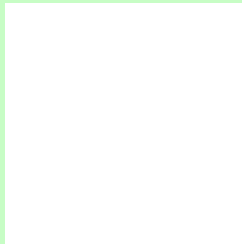
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7FDC5 Background



This preview shows how black text looks on a background with the Hex color C7FDC5.

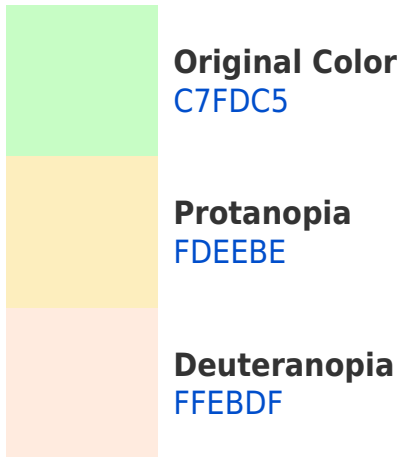


This preview shows how white text looks on a background with the Hex color C7FDC5.

# 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



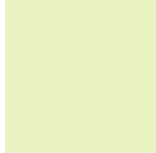


**Tritanopia**  
DDF2FF

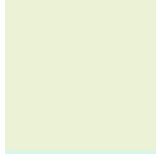
# Trichromacy



**Original Color**  
C7FDC5



**Protanomaly**  
E9F3C1



**Deuteranomaly**  
EBF2D6

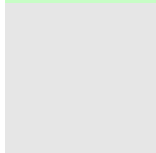


**Tritanomaly**  
D5F6EA

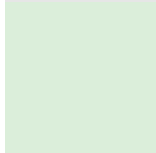
# Monochromacy



**Original Color**  
C7FDC5



**Achromatopsia**  
E6E6E6



**Achromatomaly**  
DBEEDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7FDC5 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 #C7FDC5 looks like.

```
.text, #text, p{  
    color:#C7FDC5  
}
```

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 #C7FDC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7FDC5
}
```

## Border

The CSS property to change the border of an element to Hex C7FDC5 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
#C7FDC5 }
```

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

```
.border{ border-color:#C7FDC5 }
```

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

Here you see how a box with a 4 pixel #C7FDC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7FDC5; -webkit-box-shadow:4px 4px  
4px 4px #C7FDC5; box-shadow:4px 4px 4px  
4px #C7FDC5 }
```

# Background

The CSS property to change the background color of an element to Hex C7FDC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7FDC5 }
```

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

```
.background{ background-color:#C7FDC5 }
```

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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