

Converting Colors

Hex(C5FFB1)

Have a look what the booklet for
Hex(C5FFB1) contains.

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Color

Hex(C5FFB1)

Conversions

Conversions Part 1

Format	Color
Hex	C5FFB1
RGB	197, 255, 177
RGB Percent	77%, 100%, 69%
CMY	0.2275, 0.0000, 0.3059
CMYK	0.23, 0.00, 0.31, 0.00
HSL	105°, 100%, 85%
HSV	105°, 31%, 100%
XYZ	66.7218, 86.5646, 54.7870
YIQ	228.7660, -9.5300, -36.5540

Conversions

Conversions Part 2

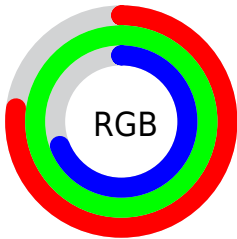
Format	Color
RYB	177, 255, 235
Decimal	12976049
CIELab	94.55, -32.15, 31.53
CIELCh	95, 45.034, 135.555
Yxy	86.5646, 0.3207, 0.4160
Android (android.graphics.Color)	4291166129 (0xFFC5FFB1)
YUV	228.7660, -25.5206, -27.8588
Hunter-Lab	93.0401, -34.8127, 30.2150

Details

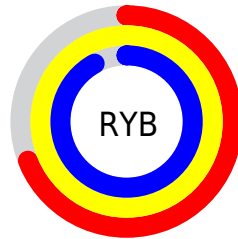
The Hex color **C5FFB1** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **EBB1FF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFE9**, and **8EC67C** is the 20% darker color. If you saturate the color by 10%, you get **B2FF97**, and if you desaturate by 10%, it is **D8FFCB**.

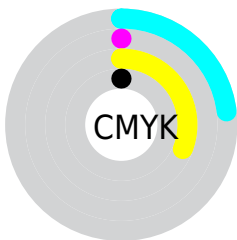
Distribution



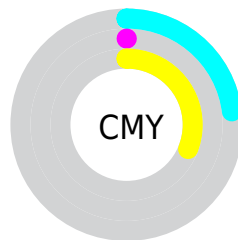
- Red (77%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5FFB1 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 C5FFB1 by changing the saturation by 10% instead.

 C5FFB1

FFFFFF

 FFFFE9

 C5FFB1

 A9E296

 8EC67C

 73AB62

 59904A

 3F7632

 265D1A

 074502

 002E00

 001900

 C5FFB1

 C5FFB1

 B2FF97

 D8FFCB

 9FFF7E

 EBFFE4

 8CFF64

FEFFFE

 79FF4B

FFFFFF

 66FF31

 53FF18

 41FF00

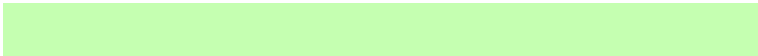
Harmonies

Analogous

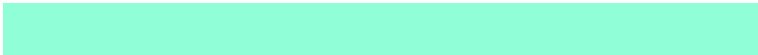
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F6F49A



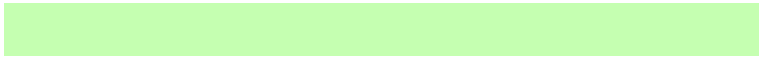
C5FFB1



90FFD8

Triad

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



C5FFB1



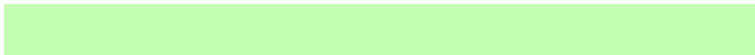
90FAFF



FFCEDA

Complementary

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



C5FFB1



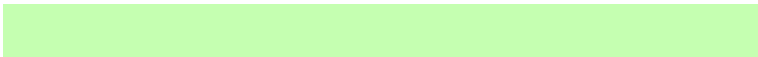
EBB1FF

Split Complementary

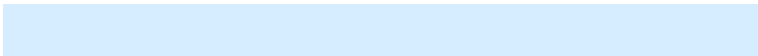
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD0FF



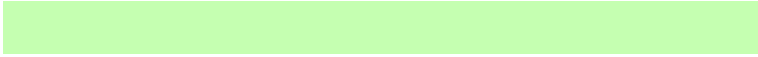
C5FFB1



D6ECFF

Square

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



C5FFB1



55FFFF



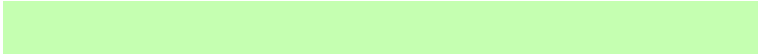
FFDCFF



FFD7B3

Rectangle

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



C5FFB1



6CFFF6



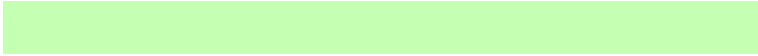
FFDCFF



FFCEE9

Sweetspot

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



C5FFB1



EEFFE8



FFEAB1



758071



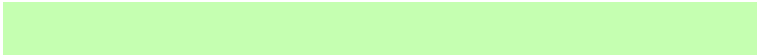
000000



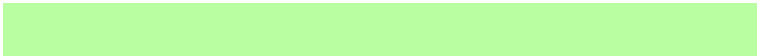
808080

Same Dimension

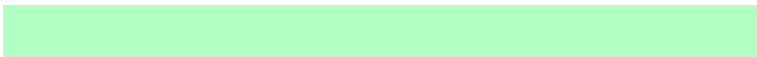
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C5FFB1



B9FFA1



B1FFC3



768073



31BF00



104000

Inverse Universe

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



EBB1FF



E7A1FF



FFB1ED



7C7380



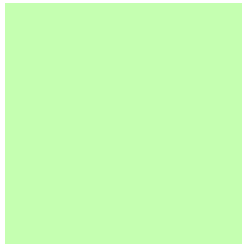
8E00BF



2F0040

Previews

White Background



This preview shows how the Hex color C5FFB1 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 C5FFB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

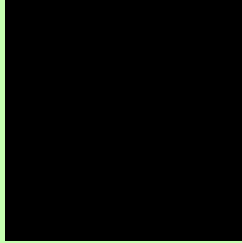
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

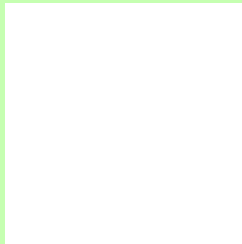
Any Text WCAG AAA ✓ Pass

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

Hex C5FFB1 Background



This preview shows how black text looks on a background with the Hex color C5FFB1.

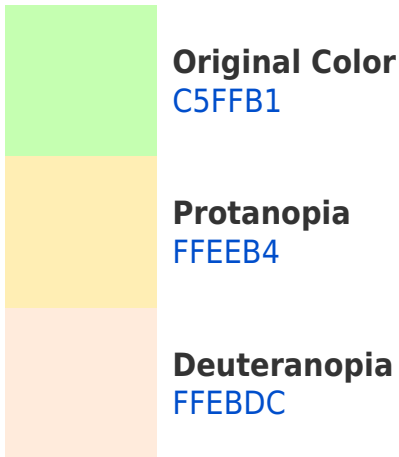


This preview shows how white text looks on a background with the Hex color C5FFB1.

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



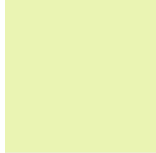


Tritanopia
DDF2FF

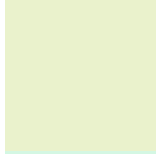
Trichromacy



Original Color
C5FFB1



Protanomaly
EAF4B3

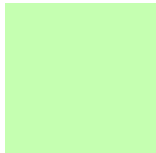


Deuteranomaly
EAF2CC

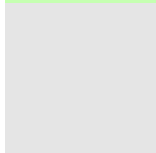


Tritanomaly
D4F7E3

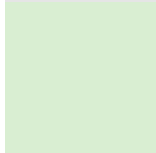
Monochromacy



Original Color
C5FFB1



Achromatopsia
E5E5E5



Achromatomaly
D9EED2

CSS Examples

Text

The CSS property to change the color of the text to Hex C5FFB1 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 #C5FFB1 looks like.

```
.text, #text, p{  
    color:#C5FFB1  
}
```

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 #C5FFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5FFB1
}
```

Border

The CSS property to change the border of an element to Hex C5FFB1 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
#C5FFB1 }
```

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

```
.border{ border-color:#C5FFB1 }
```

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

Here you see how a box with a 4 pixel #C5FFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5FFB1; -webkit-box-shadow:4px 4px  
4px 4px #C5FFB1; box-shadow:4px 4px 4px  
4px #C5FFB1 }
```

Background

The CSS property to change the background color of an element to Hex C5FFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5FFB1 }
```

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

```
.background{ background-color:#C5FFB1 }
```

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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