

Converting Colors

RGB(206, 255, 197)

Have a look what the booklet for
RGB(206, 255, 197) contains.

RGB(206, 255, 197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(206, 255, 197)

Conversions

Conversions Part 1

Format	Color
Hex	CEFFC5
RGB	206, 255, 197
RGB Percent	81%, 100%, 77%
CMY	0.1922, 0.0000, 0.2275
CMYK	0.19, 0.00, 0.23, 0.00
HSL	111°, 100%, 89%
HSV	111°, 23%, 100%
XYZ	71.2916, 88.6730, 66.1815
YIQ	233.7370, -10.5860, -28.4260

Conversions

Conversions Part 2

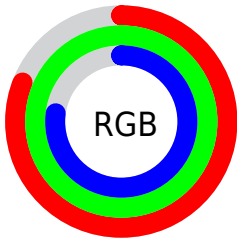
Format	Color
RYB	197, 255, 246
Decimal	13565893
CIELab	95.44, -26.07, 22.73
CIELCh	95, 34.584, 138.915
Yxy	88.6730, 0.3152, 0.3921
Android (android.graphics.Color)	4291755973 (0xFFCEFFC5)
YUV	233.7370, -18.1113, -24.3253
Hunter-Lab	94.1664, -29.6520, 24.2466

Details

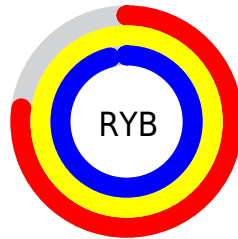
The RGB color **206, 255, 197** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **246, 197, 255**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 254**, and **151, 198, 143** is the 20% darker color. If you saturate the color by 10%, you get **184, 255, 172**, and if you desaturate by 10%, it is **228, 255, 223**.

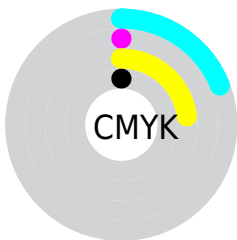
Distribution



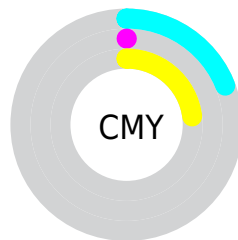
- Red (81%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (96%)



- Cyan (19%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 255, 197 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 RGB color 206, 255, 197 by changing the saturation by 10% instead.


 206, 255, 197

255, 255, 255


255, 255, 254

 206, 255, 197

 178, 226, 170

 151, 198, 143


 124, 171, 117

 99, 144, 92

 74, 118, 68

 49, 93, 45

 25, 69, 23

 1, 46, 0

 0, 28, 0

■ 206, 255, 197

■ 206, 255, 197

■ 184, 255, 172

■ 228, 255, 223

■ 163, 255, 146

■ 249, 255, 248

■ 141, 255, 121

255, 255, 255

■ 120, 255, 95

■ 98, 255, 69

■ 77, 255, 44

■ 55, 255, 18

■ 40, 255, 0

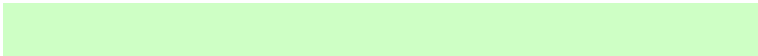
Harmonies

Analogous

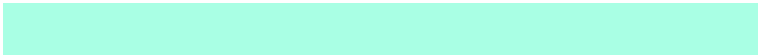
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 246, 178



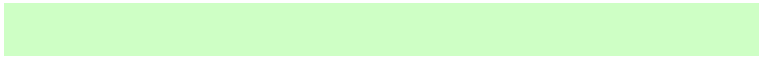
206, 255, 197



169, 255, 228

Triad

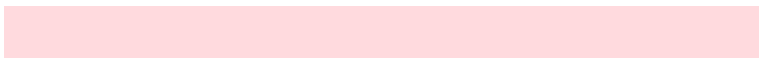
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206, 255, 197



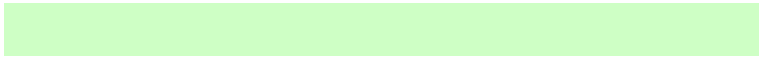
183, 249, 255



255, 218, 222

Complementary

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



206, 255, 197



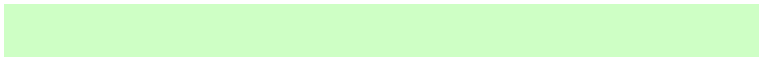
246, 197, 255

Split Complementary

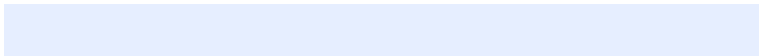
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 219, 255



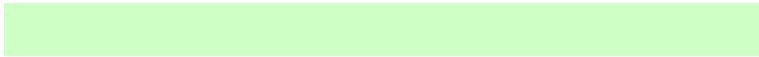
206, 255, 197



230, 238, 255

Square

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



206, 255, 197



147, 255, 255



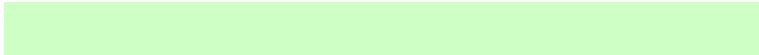
255, 226, 255



255, 225, 193

Rectangle

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



206, 255, 197



150, 255, 251



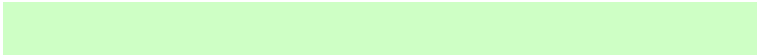
255, 226, 255



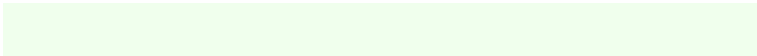
255, 217, 233

Sweetspot

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



206, 255, 197



240, 255, 237



255, 245, 197



119, 128, 117



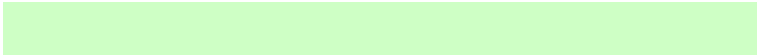
0, 0, 0



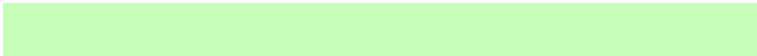
128, 128, 128

Same Dimension

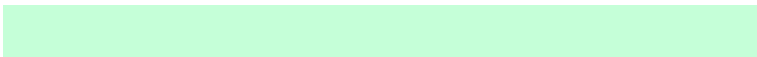
The Same Dimension uses a secret algorithm to generate beautiful new colors.



206, 255, 197



197, 255, 186



197, 255, 216



117, 128, 115



30, 191, 0



10, 64, 0

Inverse Universe

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



246, 197, 255



244, 186, 255



255, 197, 236



126, 115, 128



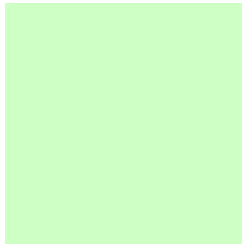
162, 0, 191



54, 0, 64

Previews

White Background



This preview shows how the RGB color 206, 255, 197 looks on a white background.

Color Contrast Check

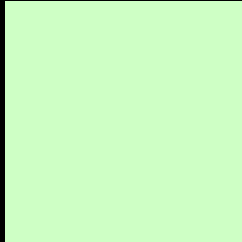
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 206, 255, 197 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

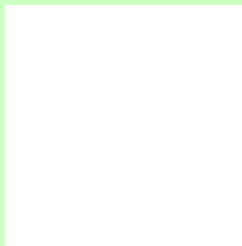
Any Text WCAG AAA ✓ Pass

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

RGB 206, 255, 197 Background



This preview shows how black text looks on a background with the RGB color 206, 255, 197.

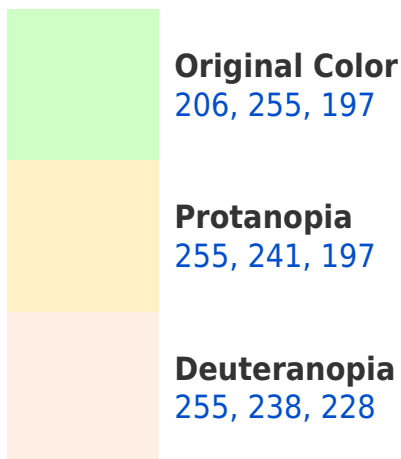


This preview shows how white text looks on a background with the RGB color 206, 255, 197.

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

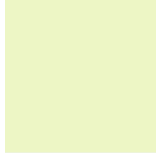
228, 244, 255

Trichromacy



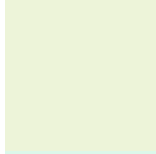
Original Color

206, 255, 197



Protanomaly

237, 246, 197



Deuteranomaly

237, 244, 217



Tritanomaly

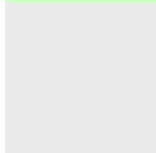
220, 248, 234

Monochromacy



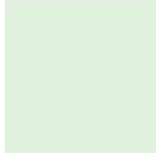
Original Color

206, 255, 197



Achromatopsia

234, 234, 234



Achromatomaly

224, 242, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 255, 197 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 `rgb(206, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 197)  
}
```

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 rgb(206, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 197) }
```

Border

The CSS property to change the border of an element to RGB 206, 255, 197 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 rgb(206, 255, 197) }
```

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

```
.border{ border-color:rgb(206, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 255, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 255, 197); box-shadow:4px 4px 4px 4px rgb(206, 255, 197) }
```

Background

The CSS property to change the background color of an element to RGB 206, 255, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 197) }
```

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

```
.background{ background-color: rgb(206,  
255, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor