

Converting Colors

RGB(205, 242, 167)

Have a look what the booklet for
RGB(205, 242, 167) contains.

RGB(205, 242, 167)	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(205, 242, 167)

Conversions

Conversions Part 1

Format	Color
Hex	CDF2A7
RGB	205, 242, 167
RGB Percent	80%, 95%, 65%
CMY	0.1961, 0.0510, 0.3451
CMYK	0.15, 0.00, 0.31, 0.05
HSL	90°, 74%, 80%
HSV	90°, 31%, 95%
XYZ	63.9040, 79.2734, 48.4924
YIQ	222.3870, 2.0230, -31.1690

Conversions

Conversions Part 2

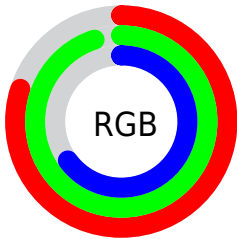
Format	Color
RYB	167, 242, 204
Decimal	13496999
CIELab	91.36, -24.72, 32.37
CIElCh	91, 40.729, 127.375
Yxy	79.2734, 0.3334, 0.4136
Android (android.graphics.Color)	4291687079 (0xFFCDF2A7)
YUV	222.3870, -27.3058, -15.2484
Hunter-Lab	89.0356, -27.6966, 30.0332

Details

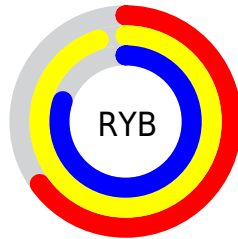
The RGB color **205, 242, 167** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **204, 167, 242**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 223**, and **150, 186, 114** is the 20% darker color. If you saturate the color by 10%, you get **193, 242, 143**, and if you desaturate by 10%, it is **217, 242, 191**.

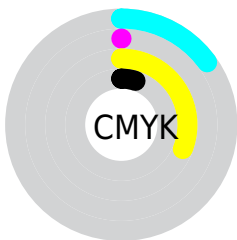
Distribution



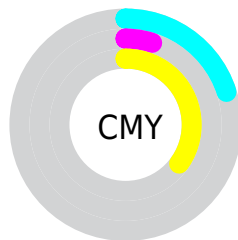
- Red (80%)
- Green (95%)
- Blue (65%)



- Red (65%)
- Yellow (95%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (31%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 242, 167 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 205, 242, 167 by changing the saturation by 10% instead.


 205, 242, 167

 205, 242, 167


255, 255, 255

 177, 214, 140


 255, 255, 223

 150, 186, 114

 255, 255, 251

 123, 159, 89

 98, 132, 65

 72, 107, 41

 48, 83, 17

 25, 59, 0

 0, 37, 0

 0, 9, 0

 205, 242, 167

 205, 242, 167

 193, 242, 143

 217, 242, 191

 181, 242, 119

 229, 242, 215

 169, 242, 94

 241, 242, 240

 157, 242, 70

 253, 242, 255

 145, 242, 46

 255, 242, 255

 133, 242, 22

 123, 242, 0

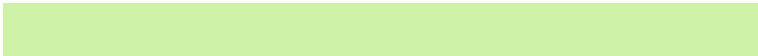
Harmonies

Analogous

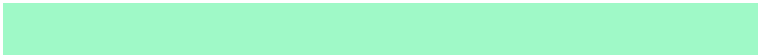
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 231, 152



205, 242, 167



159, 249, 199

Triad

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



205, 242, 167



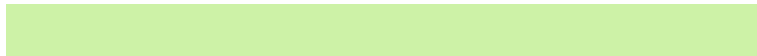
133, 242, 255



255, 201, 222

Complementary

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



205, 242, 167



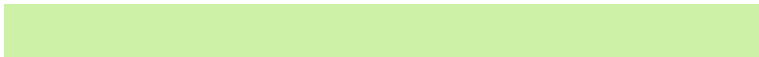
204, 167, 242

Split Complementary

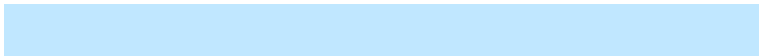
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 205, 255



205, 242, 167



192, 231, 255

Square

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



205, 242, 167



97, 250, 255



248, 217, 255



255, 206, 185

Rectangle

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



205, 242, 167



128, 251, 225



248, 217, 255



255, 201, 235

Sweetspot

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



205, 242, 167



244, 255, 232



242, 203, 167



121, 128, 113



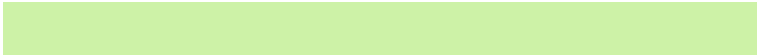
0, 0, 0



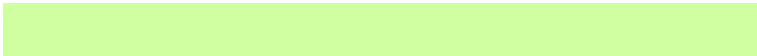
128, 128, 128

Same Dimension

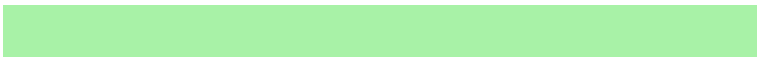
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 242, 167



208, 255, 161



168, 242, 167



114, 120, 108



93, 184, 0



28, 56, 0

Inverse Universe

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



204, 167, 242



207, 161, 255



241, 167, 242



114, 108, 120



91, 0, 184



28, 0, 56

Previews

White Background



This preview shows how the RGB color 205, 242, 167 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 205, 242, 167 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

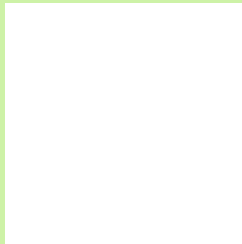
Any Text WCAG AAA ✓ Pass

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

RGB 205, 242, 167 Background



This preview shows how black text looks on a background with the RGB color 205, 242, 167.

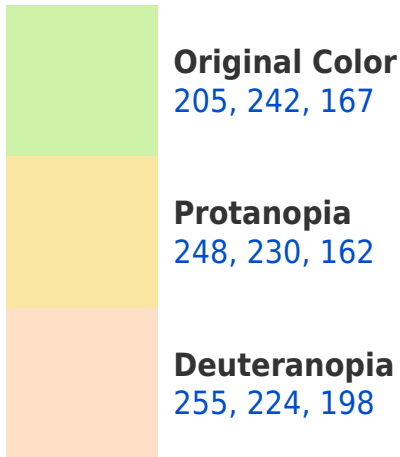


This preview shows how white text looks on a background with the RGB color 205, 242, 167.

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
217, 231, 250

Trichromacy



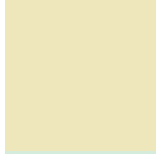
Original Color

205, 242, 167



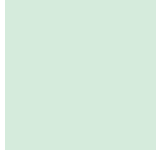
Protanomaly

232, 234, 164



Deuteranomaly

237, 231, 187



Tritanomaly

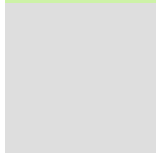
213, 235, 220

Monochromacy



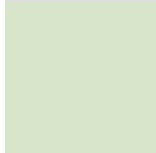
Original Color

205, 242, 167



Achromatopsia

222, 222, 222



Achromatomaly

216, 229, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 242, 167 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(205, 242, 167)` looks like.

```
.text, #text, p{  
    color:rgb(205, 242, 167)  
}
```

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(205, 242, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 242, 167) }
```

Border

The CSS property to change the border of an element to RGB 205, 242, 167 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(205, 242, 167) }
```

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

```
.border{ border-color:rgb(205, 242, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 242, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 242, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 242, 167);  
box-shadow:4px 4px 4px 4px rgb(205, 242,  
167) }
```

Background

The CSS property to change the background color of an element to RGB 205, 242, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 242, 167) }
```

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

```
.background{ background-color: rgb(205,  
242, 167) }
```

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