

Converting Colors

RGB(211, 250, 157)

Have a look what the booklet for
RGB(211, 250, 157) contains.

RGB(211, 250, 157)	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(211, 250, 157)

Conversions

Conversions Part 1

Format	Color
Hex	D3FA9D
RGB	211, 250, 157
RGB Percent	83%, 98%, 62%
CMY	0.1725, 0.0196, 0.3843
CMYK	0.16, 0.00, 0.37, 0.02
HSL	85°, 90%, 80%
HSV	85°, 37%, 98%
XYZ	67.1354, 84.6544, 44.6998
YIQ	227.7370, 6.6090, -37.1910

Conversions

Conversions Part 2

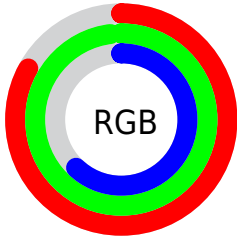
Format	Color
RYB	157, 250, 196
Decimal	13892253
CIELab	93.73, -27.70, 40.55
CIElCh	94, 49.113, 124.338
Yxy	84.6544, 0.3417, 0.4308
Android (android.graphics.Color)	4292082333 (0xFFD3FA9D)
YUV	227.7370, -34.8733, -14.6783
Hunter-Lab	92.0078, -30.7676, 35.6009

Details

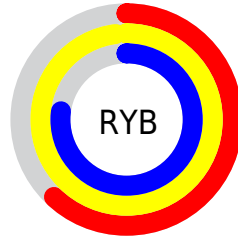
The RGB color **211, 250, 157** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **196, 157, 250**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 212**, and **155, 193, 104** is the 20% darker color. If you saturate the color by 10%, you get **201, 250, 132**, and if you desaturate by 10%, it is **221, 250, 182**.

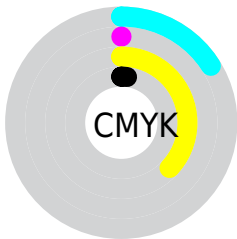
Distribution



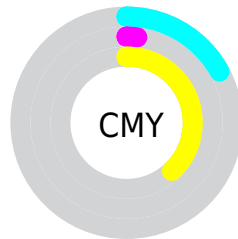
- Red (83%)
- Green (98%)
- Blue (62%)



- Red (62%)
- Yellow (98%)
- Blue (77%)



- Cyan (16%)
- Magenta (0%)
- Yellow (37%)
- Black (2%)



- Cyan (17%)
- Magenta (2%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 211, 250, 157 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 211, 250, 157 by changing the saturation by 10% instead.

 211, 250, 157

255, 255, 255


 255, 255, 212


 255, 255, 241

 211, 250, 157


 183, 221, 130

 155, 193, 104

 128, 166, 79

 102, 140, 54

 76, 114, 29

 51, 89, 0

 27, 65, 0

 0, 43, 0

 0, 21, 0

■ 211, 250, 157

■ 211, 250, 157

■ 201, 250, 132

■ 221, 250, 182

■ 190, 250, 107

■ 232, 250, 207

■ 180, 250, 82

■ 242, 250, 232

■ 169, 250, 57

■ 253, 250, 255

■ 159, 250, 32

■ 255, 250, 255

■ 148, 250, 7

■ 145, 250, 0

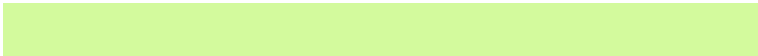
Harmonies

Analogous

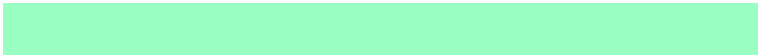
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 236, 141



211, 250, 157



153, 255, 194

Triad

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



211, 250, 157



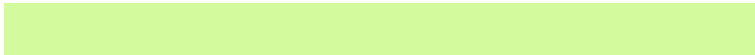
92, 253, 255



255, 200, 232

Complementary

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



211, 250, 157



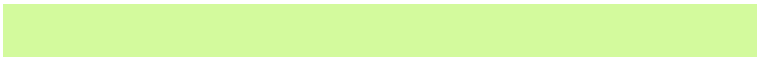
196, 157, 250

Split Complementary

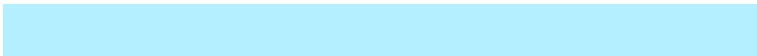
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 207, 255



211, 250, 157



179, 239, 255

Square

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



211, 250, 157



0, 255, 255



251, 222, 255



255, 206, 186

Rectangle

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



211, 250, 157



109, 255, 226



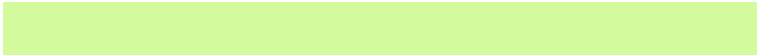
251, 222, 255



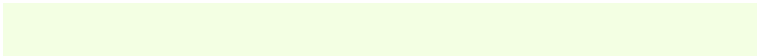
255, 201, 248

Sweetspot

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



211, 250, 157



243, 255, 227



250, 196, 157



121, 128, 111



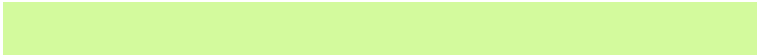
0, 0, 0



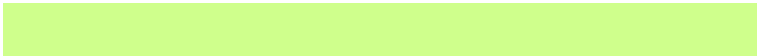
128, 128, 128

Same Dimension

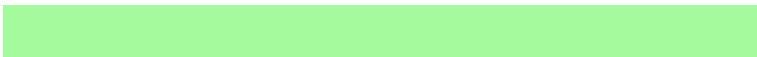
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 250, 157



207, 255, 140



165, 250, 157



120, 125, 112



110, 189, 0



36, 61, 0

Inverse Universe

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



196, 157, 250



188, 140, 255



242, 157, 250



118, 112, 125



79, 0, 189



26, 0, 61

Previews

White Background



This preview shows how the RGB color 211, 250, 157 looks on a white background.

Color Contrast Check

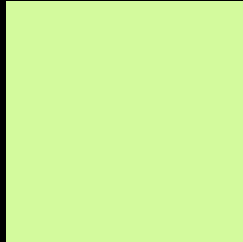
Large Text (above 18pt) WCAG AA × Fail

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 211, 250, 157 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

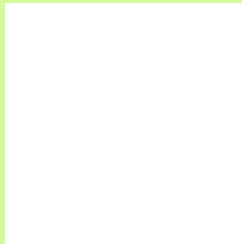
Any Text WCAG AAA ✓ Pass

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

RGB 211, 250, 157 Background



This preview shows how black text looks on a background with the RGB color 211, 250, 157.

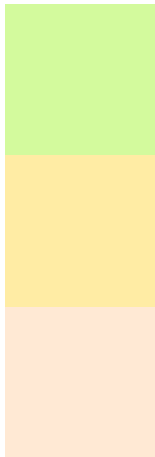


This preview shows how white text looks on a background with the RGB color 211, 250, 157.

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



Original Color
211, 250, 157

Protanopia
255, 236, 164

Deuteranopia
255, 233, 212



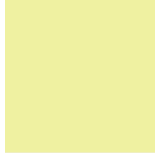
Tritanopia
226, 238, 255

Trichromacy



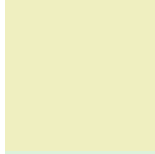
Original Color

211, 250, 157



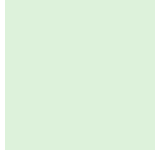
Protanomaly

239, 241, 161



Deuteranomaly

239, 239, 192



Tritanomaly

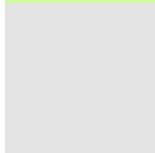
221, 242, 219

Monochromacy



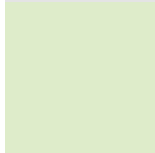
Original Color

211, 250, 157



Achromatopsia

228, 228, 228



Achromatomaly

222, 236, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 250, 157 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(211, 250, 157)` looks like.

```
.text, #text, p{  
    color:rgb(211, 250, 157)  
}
```

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(211, 250, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 250, 157) }
```

Border

The CSS property to change the border of an element to RGB 211, 250, 157 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(211, 250, 157) }
```

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

```
.border{ border-color:rgb(211, 250, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 250, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 250, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 250, 157);  
box-shadow:4px 4px 4px 4px rgb(211, 250,  
157) }
```

Background

The CSS property to change the background color of an element to RGB 211, 250, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 250, 157) }
```

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

```
.background{ background-color: rgb(211,  
250, 157) }
```

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