

Converting Colors

RGB(207, 243, 127)

Have a look what the booklet for
RGB(207, 243, 127) contains.

RGB(207, 243, 127)	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(207, 243, 127)

Conversions

Conversions Part 1

Format	Color
Hex	CFF37F
RGB	207, 243, 127
RGB Percent	81%, 95%, 50%
CMY	0.1882, 0.0471, 0.5020
CMYK	0.15, 0.00, 0.48, 0.05
HSL	79°, 83%, 73%
HSV	79°, 48%, 95%
XYZ	61.6135, 78.8989, 32.0603
YIQ	219.0120, 15.7800, -43.7080

Conversions

Conversions Part 2

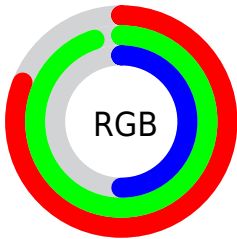
Format	Color
RYB	127, 243, 163
Decimal	13628287
CIELab	91.19, -29.29, 51.75
CIELCh	91, 59.466, 119.509
Yxy	78.8989, 0.3570, 0.4572
Android (android.graphics.Color)	4291818367 (0xFFCFF37F)
YUV	219.0120, -45.3619, -10.5345
Hunter-Lab	88.8250, -31.6273, 40.7775

Details

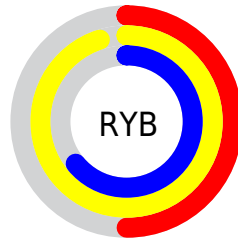
The RGB color **207, 243, 127** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **163, 127, 243**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 182**, and **151, 187, 74** is the 20% darker color. If you saturate the color by 10%, you get **199, 243, 103**, and if you desaturate by 10%, it is **215, 243, 151**.

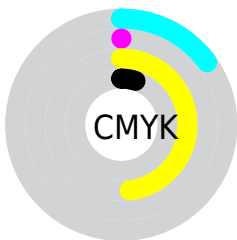
Distribution



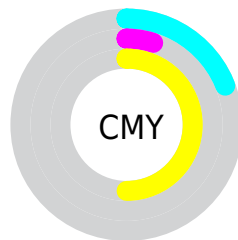
- Red (81%)
- Green (95%)
- Blue (50%)



- Red (50%)
- Yellow (95%)
- Blue (64%)



- Cyan (15%)
- Magenta (0%)
- Yellow (48%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 243, 127 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 207, 243, 127 by changing the saturation by 10% instead.


 207, 243, 127

 207, 243, 127


255, 255, 255

 178, 215, 100

 255, 255, 182

 151, 187, 74

 255, 255, 210


 123, 160, 48

 255, 255, 239

 96, 133, 17

 70, 108, 0

 45, 83, 0

 15, 60, 0

 0, 38, 0


 0, 8, 0

 207, 243, 127

 207, 243, 127

 199, 243, 103

 215, 243, 151

 192, 243, 78

 222, 243, 176

 184, 243, 54

 230, 243, 200

 177, 243, 30

 237, 243, 224

 169, 243, 6

 245, 243, 248

 168, 243, 0

 252, 243, 255

 255, 243, 255

Harmonies

Analogous

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



255, 226, 113



207, 243, 127



135, 254, 170

Triad

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



207, 243, 127



0, 251, 255



255, 183, 233

Complementary

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



207, 243, 127



163, 127, 243

Split Complementary

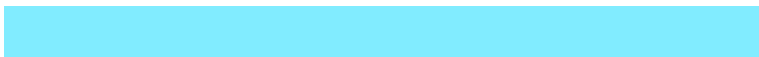
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 194, 255



207, 243, 127



129, 236, 255

Square

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



207, 243, 127



0, 255, 255



233, 215, 255



255, 188, 177

Rectangle

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



207, 243, 127



63, 255, 207



233, 215, 255



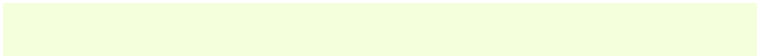
255, 185, 252

Sweetspot

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



207, 243, 127



244, 255, 219



243, 162, 127



121, 128, 106



0, 0, 0



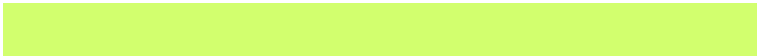
128, 128, 128

Same Dimension

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



207, 243, 127



210, 255, 110



150, 243, 127



119, 122, 110



128, 186, 0



40, 59, 0

Inverse Universe

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



163, 127, 243



155, 110, 255



220, 127, 243



114, 110, 122



58, 0, 186



18, 0, 59

Previews

White Background



This preview shows how the RGB color 207, 243, 127 looks on a white background.

Color Contrast Check

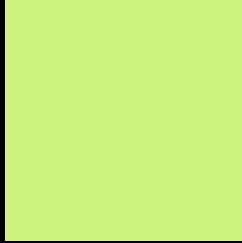
Large Text (above 18pt) WCAG AA × Fail

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 207, 243, 127 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 207, 243, 127 Background



This preview shows how black text looks on a background with the RGB color 207, 243, 127.

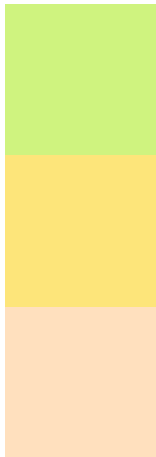


This preview shows how white text looks on a background with the RGB color 207, 243, 127.

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
207, 243, 127

Protanopia
253, 229, 122

Deuteranopia
255, 224, 190



Tritanopia

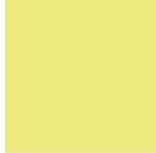
222, 229, 248

Trichromacy



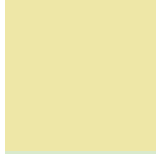
Original Color

207, 243, 127



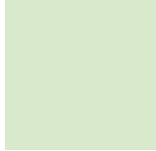
Protanomaly

236, 234, 124



Deuteranomaly

238, 231, 167



Tritanomaly

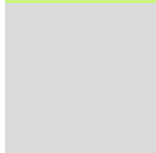
217, 234, 204

Monochromacy



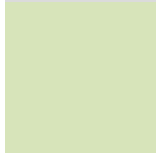
Original Color

207, 243, 127



Achromatopsia

219, 219, 219



Achromatomaly

215, 228, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 243, 127 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(207, 243, 127)` looks like.

```
.text, #text, p{  
    color:rgb(207, 243, 127)  
}
```

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(207, 243, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 243, 127) }
```

Border

The CSS property to change the border of an element to RGB 207, 243, 127 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(207, 243, 127) }
```

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

```
.border{ border-color:rgb(207, 243, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 243, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 243, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 243, 127);  
box-shadow:4px 4px 4px 4px rgb(207, 243,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 207, 243, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 243, 127) }
```

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

```
.background{ background-color: rgb(207,  
243, 127) }
```

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