

Converting Colors

RGB(207, 253, 156)

Have a look what the booklet for
RGB(207, 253, 156) contains.

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Color

RGB(207, 253, 156)

Conversions

Conversions Part 1

Format	Color
Hex	CFFD9C
RGB	207, 253, 156
RGB Percent	81%, 99%, 61%
CMY	0.1882, 0.0078, 0.3882
CMYK	0.18, 0.00, 0.38, 0.01
HSL	88°, 96%, 80%
HSV	88°, 38%, 99%
XYZ	66.8582, 85.9163, 44.5122
YIQ	228.1880, 3.7210, -39.9190

Conversions

Conversions Part 2

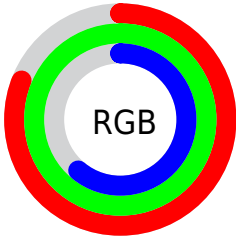
Format	Color
R _Y B	156, 253, 202
Decimal	13630876
CIE Lab	94.28, -30.66, 41.70
CIE LCh	94, 51.753, 126.323
Yxy	85.9163, 0.3389, 0.4355
Android (android.graphics.Color)	4291820956 (0xFFCFFD9C)
YUV	228.1880, -35.5887, -18.5819
Hunter-Lab	92.6910, -33.4570, 36.4114

Details

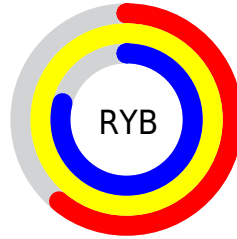
The RGB color **207, 253, 156** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **202, 156, 253**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 211**, and **151, 196, 103** is the 20% darker color. If you saturate the color by 10%, you get **195, 253, 131**, and if you desaturate by 10%, it is **219, 253, 181**.

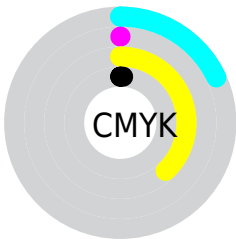
Distribution



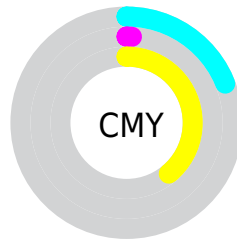
- Red (81%)
- Green (99%)
- Blue (61%)



- Red (61%)
- Yellow (99%)
- Blue (79%)



- Cyan (18%)
- Magenta (0%)
- Yellow (38%)
- Black (1%)



- Cyan (19%)
- Magenta (1%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 253, 156 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, 253, 156 by changing the saturation by 10% instead.

 207, 253, 156

255, 255, 255

 255, 255, 211

 255, 255, 240

 207, 253, 156

 179, 224, 129


 151, 196, 103


 124, 169, 78


 98, 142, 53

 72, 116, 27

 46, 91, 0

 21, 68, 0

 0, 45, 0

 0, 24, 0

■ 207, 253, 156

■ 207, 253, 156

■ 195, 253, 131

■ 219, 253, 181

■ 183, 253, 105

■ 231, 253, 207

■ 171, 253, 80

■ 243, 253, 232

■ 159, 253, 55

■ 255, 253, 255

■ 147, 253, 30

■ 255, 253, 255

■ 135, 253, 4

■ 133, 253, 0

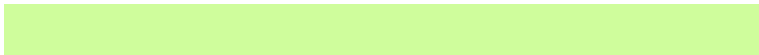
Harmonies

Analogous

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



255, 239, 138



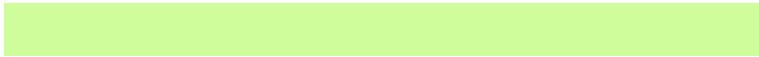
207, 253, 156



144, 255, 197

Triad

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



207, 253, 156



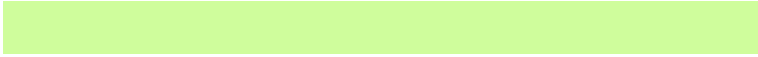
82, 254, 255



255, 199, 230

Complementary

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



207, 253, 156



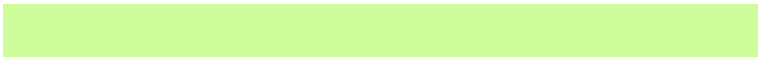
202, 156, 253

Split Complementary

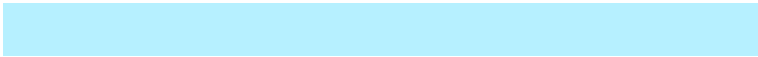
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 205, 255



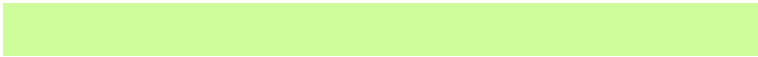
207, 253, 156



182, 240, 255

Square

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



207, 253, 156



0, 255, 255



255, 222, 255



255, 206, 182

Rectangle

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



207, 253, 156



94, 255, 230



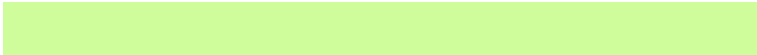
255, 222, 255



255, 200, 247

Sweetspot

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



207, 253, 156



240, 255, 224



253, 201, 156



119, 128, 110



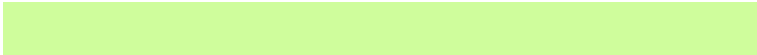
0, 0, 0



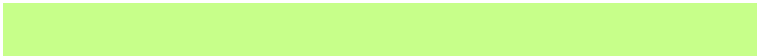
128, 128, 128

Same Dimension

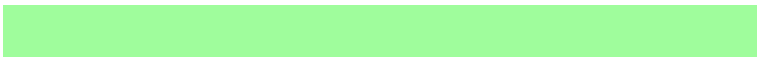
The Same Dimension uses a secret algorithm to generate beautiful new colors.



207, 253, 156



199, 255, 138



159, 253, 156



121, 128, 115



101, 191, 0



34, 64, 0

Inverse Universe

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



202, 156, 253



193, 138, 255



250, 156, 253



121, 115, 128



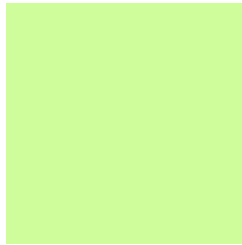
91, 0, 191



30, 0, 64

Previews

White Background



This preview shows how the RGB color 207, 253, 156 looks on a white background.

Color Contrast Check

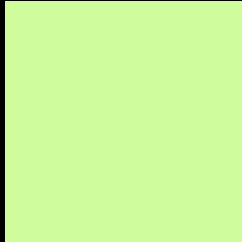
Large Text (above 18pt) WCAG AA × Fail

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, 253, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

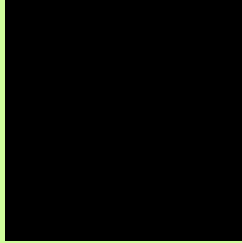
Any Text WCAG AA ✓ Pass

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, 253, 156 Background



This preview shows how black text looks on a background with the RGB color 207, 253, 156.

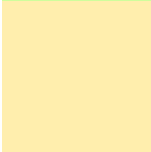
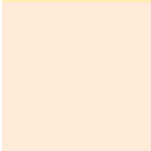


This preview shows how white text looks on a background with the RGB color 207, 253, 156.

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, 253, 156
	Protanopia 255, 238, 173
	Deuteranopia 255, 235, 216



Tritanopia

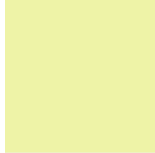
226, 240, 255

Trichromacy



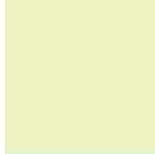
Original Color

207, 253, 156



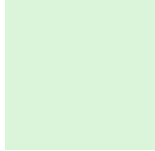
Protanomaly

238, 243, 167



Deuteranomaly

238, 242, 194



Tritanomaly

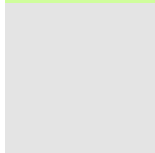
219, 245, 219

Monochromacy



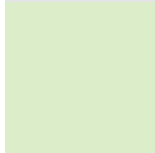
Original Color

207, 253, 156



Achromatopsia

228, 228, 228



Achromatomaly

220, 237, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 253, 156 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, 253, 156)` looks like.

```
.text, #text, p{  
    color:rgb(207, 253, 156)  
}
```

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, 253, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 253, 156) }
```

Border

The CSS property to change the border of an element to RGB 207, 253, 156 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, 253, 156) }
```

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

```
.border{ border-color:rgb(207, 253, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 253, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 253, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 253, 156);  
box-shadow:4px 4px 4px 4px rgb(207, 253,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 207, 253, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 253, 156) }
```

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

```
.background{ background-color: rgb(207,  
253, 156) }
```

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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