

Converting Colors

RGB(199, 250, 152)

Have a look what the booklet for
RGB(199, 250, 152) contains.

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Color

RGB(199, 250, 152)

Conversions

Conversions Part 1

Format	Color
Hex	C7FA98
RGB	199, 250, 152
RGB Percent	78%, 98%, 60%
CMY	0.2196, 0.0196, 0.4039
CMYK	0.20, 0.00, 0.39, 0.02
HSL	91°, 91%, 79%
HSV	91°, 39%, 98%
XYZ	63.4063, 82.7803, 42.3421
YIQ	223.5790, 1.0620, -41.2900

Conversions

Conversions Part 2

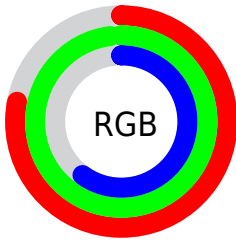
Format	Color
RYB	152, 250, 203
Decimal	13105816
CIELab	92.92, -32.59, 41.81
CIELCh	93, 53.009, 127.937
Yxy	82.7803, 0.3363, 0.4391
Android (android.graphics.Color)	4291295896 (0xFFC7FA98)
YUV	223.5790, -35.2884, -21.5558
Hunter-Lab	90.9837, -34.8253, 36.0961

Details

The RGB color **199, 250, 152** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **203, 152, 250**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 207**, and **143, 193, 99** is the 20% darker color. If you saturate the color by 10%, you get **186, 250, 127**, and if you desaturate by 10%, it is **212, 250, 177**.

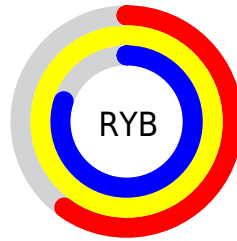
Distribution



Red (78%)

Green (98%)

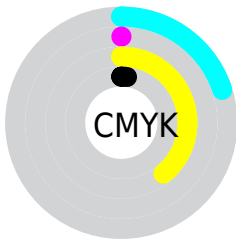
Blue (60%)



Red (60%)

Yellow (98%)

Blue (80%)

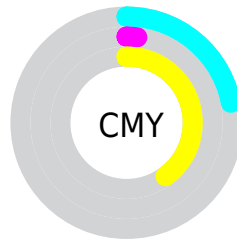


Cyan (20%)

Magenta (0%)

Yellow (39%)

Black (2%)



Cyan (22%)

Magenta (2%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 250, 152 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 199, 250, 152 by changing the saturation by 10% instead.

 199, 250, 152


255, 255, 255

 255, 255, 207


 255, 255, 236

 199, 250, 152

 171, 221, 125

 143, 193, 99

 116, 166, 74

 90, 139, 49

 64, 114, 23

 38, 89, 0

 9, 65, 0

 0, 42, 0

 0, 18, 0

 199, 250, 152


 199, 250, 152

 186, 250, 127


 212, 250, 177


 173, 250, 102

 225, 250, 202

 160, 250, 77


 238, 250, 227

 147, 250, 52

 251, 250, 252

 134, 250, 27

 255, 250, 255

 121, 250, 2

 120, 250, 0

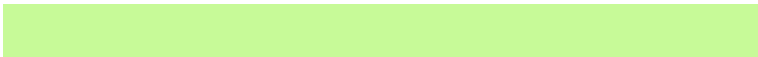
Harmonies

Analogous

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



254, 236, 132



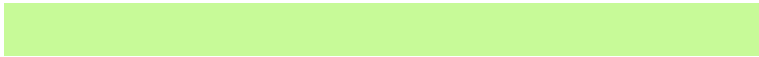
199, 250, 152



134, 255, 195

Triad

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



199, 250, 152



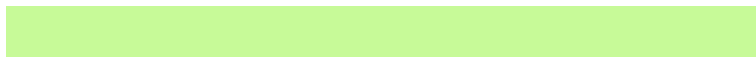
72, 250, 255



255, 194, 223

Complementary

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



199, 250, 152



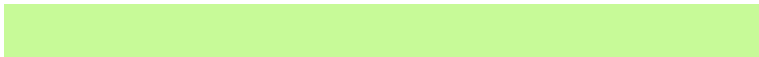
203, 152, 250

Split Complementary

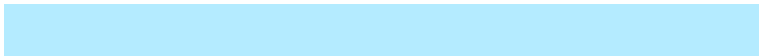
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 255



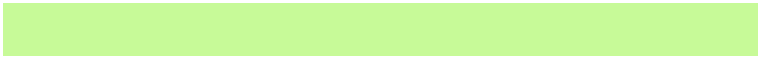
199, 250, 152



180, 235, 255

Square

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



199, 250, 152



0, 255, 255



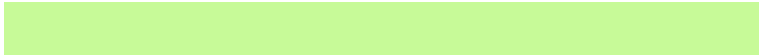
255, 216, 255



255, 202, 174

Rectangle

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



199, 250, 152



76, 255, 229



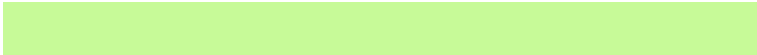
255, 216, 255



255, 194, 240

Sweetspot

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



199, 250, 152



239, 255, 224



250, 203, 152



118, 128, 110



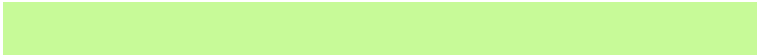
0, 0, 0



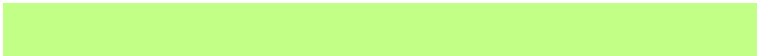
128, 128, 128

Same Dimension

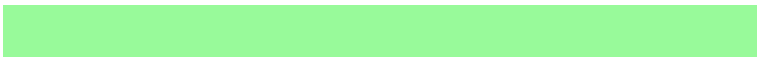
The Same Dimension uses a secret algorithm to generate beautiful new colors.



199, 250, 152



193, 255, 135



152, 250, 154



118, 125, 112



90, 189, 0



29, 61, 0

Inverse Universe

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



203, 152, 250



198, 135, 255



250, 152, 248



119, 112, 125



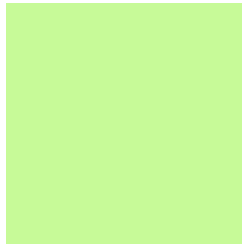
98, 0, 189



32, 0, 61

Previews

White Background



This preview shows how the RGB color 199, 250, 152 looks on a white background.

Color Contrast Check

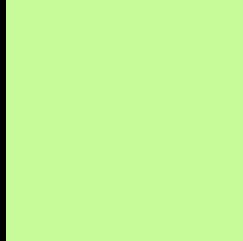
Large Text (above 18pt) WCAG AA × Fail

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 199, 250, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

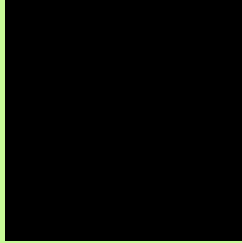
Any Text WCAG AA ✓ Pass

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 199, 250, 152 Background



This preview shows how black text looks on a background with the RGB color 199, 250, 152.

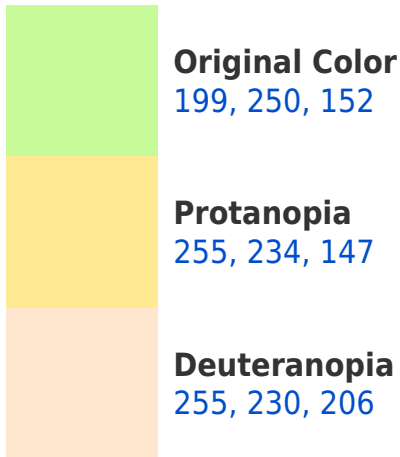


This preview shows how white text looks on a background with the RGB color 199, 250, 152.

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





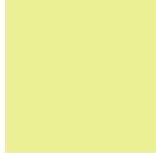
Tritanopia
216, 237, 255

Trichromacy



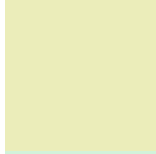
Original Color

199, 250, 152



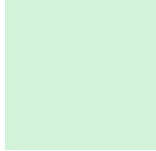
Protanomaly

235, 240, 149



Deuteranomaly

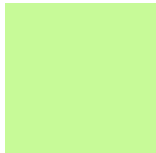
235, 237, 186



Tritanomaly

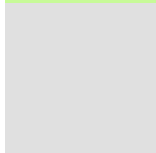
210, 242, 218

Monochromacy



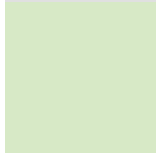
Original Color

199, 250, 152



Achromatopsia

224, 224, 224



Achromatomaly

215, 233, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 250, 152 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(199, 250, 152)` looks like.

```
.text, #text, p{  
    color:rgb(199, 250, 152)  
}
```

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(199, 250, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 250, 152) }
```

Border

The CSS property to change the border of an element to RGB 199, 250, 152 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(199, 250, 152) }
```

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

```
.border{ border-color:rgb(199, 250, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 250, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 250, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 250, 152);  
box-shadow:4px 4px 4px 4px rgb(199, 250,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 199, 250, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 250, 152) }
```

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

```
.background{ background-color: rgb(199,  
250, 152) }
```

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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