

Converting Colors

RGB(199, 251, 132)

Have a look what the booklet for
RGB(199, 251, 132) contains.

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Color

RGB(199, 251, 132)

Conversions

Conversions Part 1

Format	Color
Hex	C7FB84
RGB	199, 251, 132
RGB Percent	78%, 98%, 52%
CMY	0.2196, 0.0157, 0.4824
CMYK	0.21, 0.00, 0.47, 0.02
HSL	86°, 94%, 75%
HSV	86°, 47%, 98%
XYZ	62.2152, 82.8024, 34.5332
YIQ	221.8860, 7.2070, -48.0330

Conversions

Conversions Part 2

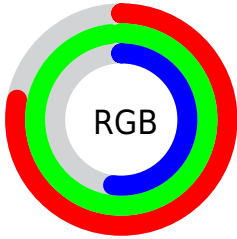
Format	Color
RYB	132, 251, 184
Decimal	13106052
CIELab	92.93, -35.38, 51.41
CIElCh	93, 62.414, 124.536
Yxy	82.8024, 0.3465, 0.4612
Android (android.graphics.Color)	4291296132 (0xFFC7FB84)
YUV	221.8860, -44.3138, -20.0710
Hunter-Lab	90.9958, -37.1996, 41.1964

Details

The RGB color **199, 251, 132** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **184, 132, 251**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 187**, and **143, 194, 79** is the 20% darker color. If you saturate the color by 10%, you get **188, 251, 107**, and if you desaturate by 10%, it is **210, 251, 157**.

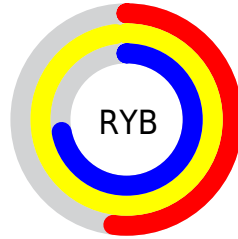
Distribution



Red (78%)

Green (98%)

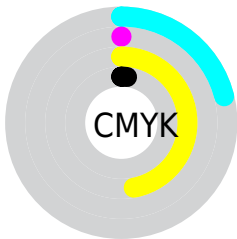
Blue (52%)



Red (52%)

Yellow (98%)

Blue (72%)

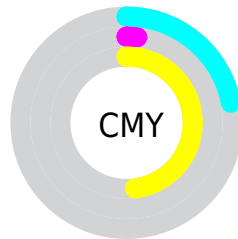


Cyan (21%)

Magenta (0%)

Yellow (47%)

Black (2%)



Cyan (22%)

Magenta (2%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 251, 132 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, 251, 132 by changing the saturation by 10% instead.

 199, 251, 132

255, 255, 255


 255, 255, 187

 255, 255, 215

 255, 255, 244


 199, 251, 132

 171, 222, 105

 143, 194, 79

 115, 167, 53

 88, 140, 24

 61, 114, 0

 34, 90, 0

 0, 66, 0

 0, 43, 0

 0, 18, 0

■ 199, 251, 132

■ 199, 251, 132

■ 188, 251, 107

■ 210, 251, 157

■ 177, 251, 82

■ 221, 251, 182

■ 166, 251, 57

■ 232, 251, 207

■ 155, 251, 32

■ 243, 251, 232

■ 144, 251, 7

■ 254, 251, 255

■ 141, 251, 0

■ 255, 251, 255

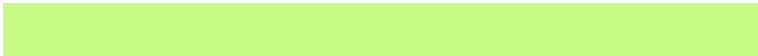
Harmonies

Analogous

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



255, 234, 111



199, 251, 132



118, 255, 181

Triad

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



199, 251, 132



0, 255, 255



255, 184, 228

Complementary

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



199, 251, 132



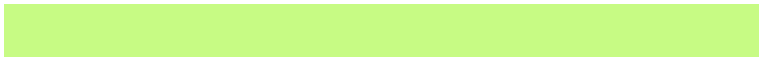
184, 132, 251

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



199, 251, 132



148, 238, 255

Square

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



199, 251, 132



0, 255, 255



252, 215, 255



255, 193, 170

Rectangle

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



199, 251, 132



0, 255, 221



252, 215, 255



255, 185, 248

Sweetspot

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



199, 251, 132



239, 255, 219



251, 184, 132



118, 128, 106



0, 0, 0



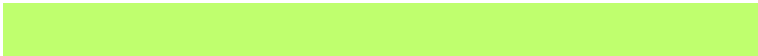
128, 128, 128

Same Dimension

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



199, 251, 132



191, 255, 110



140, 251, 132



119, 125, 112



106, 189, 0



34, 61, 0

Inverse Universe

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



184, 132, 251



173, 110, 255



243, 132, 251



118, 112, 125



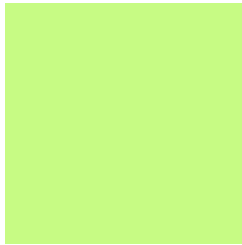
82, 0, 189



27, 0, 61

Previews

White Background



This preview shows how the RGB color 199, 251, 132 looks on a white background.

Color Contrast Check

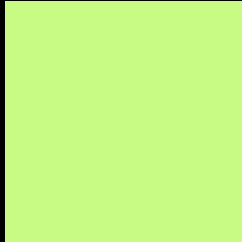
Large Text (above 18pt) WCAG AA × Fail

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, 251, 132 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, 251, 132 Background



This preview shows how black text looks on a background with the RGB color 199, 251, 132.

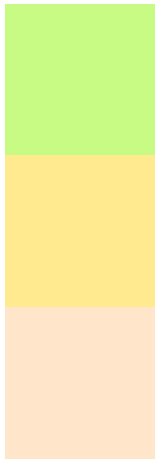


This preview shows how white text looks on a background with the RGB color 199, 251, 132.

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
199, 251, 132

Protanopia
255, 234, 144

Deuteranopia
255, 230, 203



Tritanopia
217, 237, 255

Trichromacy



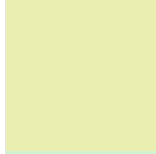
Original Color

199, 251, 132



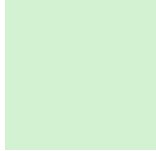
Protanomaly

235, 240, 140



Deuteranomaly

235, 238, 177



Tritanomaly

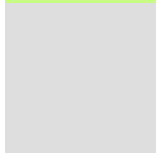
210, 242, 210

Monochromacy



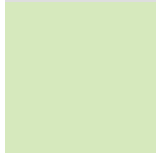
Original Color

199, 251, 132



Achromatopsia

222, 222, 222



Achromatomaly

214, 233, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 251, 132 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, 251, 132)` looks like.

```
.text, #text, p{  
    color:rgb(199, 251, 132)  
}
```

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, 251, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 251, 132) }
```

Border

The CSS property to change the border of an element to RGB 199, 251, 132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

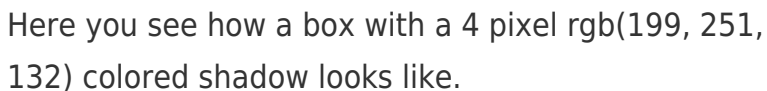
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 251, 132) }
```

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

```
.border{ border-color:rgb(199, 251, 132) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 251, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 251, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 251, 132); box-shadow:4px 4px 4px 4px rgb(199, 251, 132) }
```

Background

The CSS property to change the background color of an element to RGB 199, 251, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 251, 132) }
```

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

```
.background{ background-color: rgb(199,  
251, 132) }
```

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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