

Converting Colors

RGB(194, 231, 132)

Have a look what the booklet for
RGB(194, 231, 132) contains.

RGB(194, 231, 132)	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(194, 231, 132)

Conversions

Conversions Part 1

Format	Color
Hex	C2E784
RGB	194, 231, 132
RGB Percent	76%, 91%, 52%
CMY	0.2392, 0.0941, 0.4824
CMYK	0.16, 0.00, 0.43, 0.09
HSL	82°, 67%, 71%
HSV	82°, 43%, 91%
XYZ	54.9889, 70.2871, 32.4983
YIQ	208.6510, 9.7270, -38.6330

Conversions

Conversions Part 2

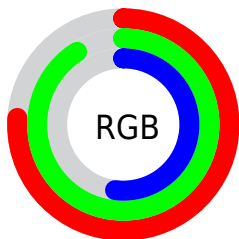
Format	Color
RYB	132, 231, 169
Decimal	12773252
CIELab	87.14, -27.93, 44.16
CIELCh	87, 52.255, 122.309
Yxy	70.2871, 0.3485, 0.4455
Android (android.graphics.Color)	4290963332 (0xFFC2E784)
YUV	208.6510, -37.7889, -12.8489
Hunter-Lab	83.8374, -29.6374, 35.7033

Details

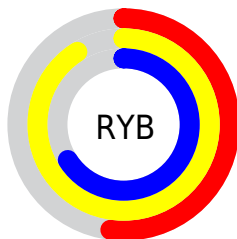
The RGB color **194, 231, 132** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **169, 132, 231**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **252, 255, 186**, and **139, 175, 80** is the 20% darker color. If you saturate the color by 10%, you get **185, 231, 109**, and if you desaturate by 10%, it is **203, 231, 155**.

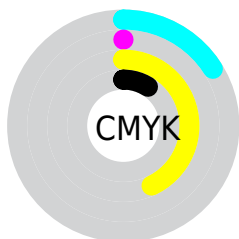
Distribution



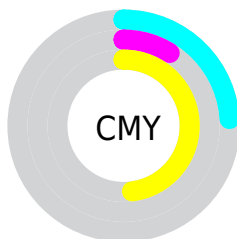
- Red (76%)
- Green (91%)
- Blue (52%)



- Red (52%)
- Yellow (91%)
- Blue (66%)



- Cyan (16%)
- Magenta (0%)
- Yellow (43%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 231, 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 194, 231, 132 by changing the saturation by 10% instead.

 194, 231, 132

255, 255, 255

 252, 255, 186

 255, 255, 215

 255, 255, 243

 194, 231, 132

 166, 203, 106

 139, 175, 80

 112, 149, 55

 86, 123, 29

 60, 98, 0

 36, 73, 0

 5, 51, 0

 0, 32, 0

 0, 0, 0

 194, 231, 132

 194, 231, 132

 185, 231, 109

 203, 231, 155

 177, 231, 86


 211, 231, 178

 168, 231, 63

 220, 231, 201

 159, 231, 40

 229, 231, 224

 151, 231, 17

 237, 231, 248

 145, 231, 0

 246, 231, 255

 254, 231, 255

 255, 231, 255

Harmonies

Analogous

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



246, 217, 117



194, 231, 132



132, 240, 170

Triad

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



194, 231, 132



0, 236, 255



255, 178, 216

Complementary

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



194, 231, 132



169, 132, 231

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, 186, 255



194, 231, 132



146, 222, 255

Square

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



194, 231, 132



0, 243, 255



228, 204, 255



255, 184, 168

Rectangle

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



194, 231, 132



77, 243, 203



228, 204, 255



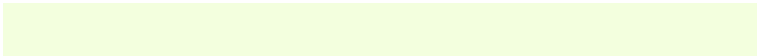
255, 179, 233

Sweetspot

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



194, 231, 132



243, 255, 222



231, 168, 132



120, 128, 107



0, 0, 0



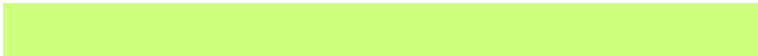
128, 128, 128

Same Dimension

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



194, 231, 132



206, 255, 125



145, 231, 132



110, 115, 103



112, 179, 0



32, 51, 0

Inverse Universe

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



169, 132, 231



174, 125, 255



218, 132, 231



108, 103, 115



67, 0, 179



19, 0, 51

Previews

White Background



This preview shows how the RGB color 194, 231, 132 looks on a white background.

Color Contrast Check

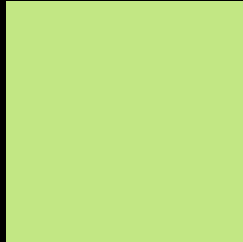
Large Text (above 18pt) WCAG AA × Fail

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 194, 231, 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 194, 231, 132 Background



This preview shows how black text looks on a background with the RGB color 194, 231, 132.

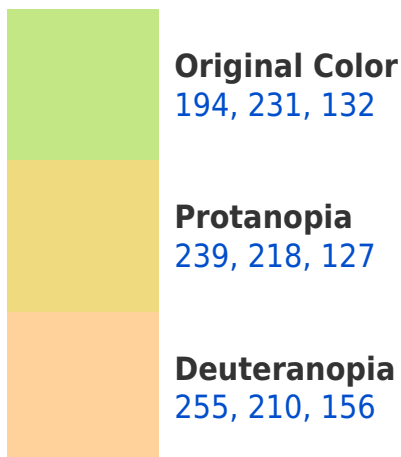


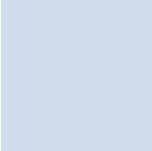
This preview shows how white text looks on a background with the RGB color 194, 231, 132.

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](#).

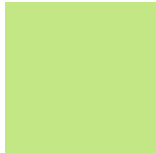
Dichromacy





Tritanopia
208, 219, 236

Trichromacy



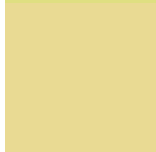
Original Color

194, 231, 132



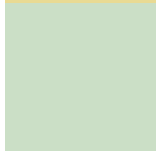
Protanomaly

223, 223, 129



Deuteranomaly

233, 218, 147



Tritanomaly

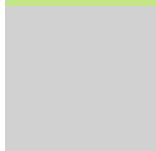
203, 223, 198

Monochromacy



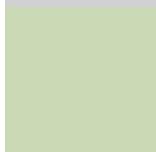
Original Color

194, 231, 132



Achromatopsia

209, 209, 209



Achromatomaly

204, 217, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 231, 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(194, 231, 132)` looks like.

```
.text, #text, p{  
    color:rgb(194, 231, 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(194, 231, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 231, 132) }
```

Border

The CSS property to change the border of an element to RGB 194, 231, 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(194, 231, 132) }
```

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

```
.border{ border-color:rgb(194, 231, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 231, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 231, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 231, 132); box-shadow:4px 4px 4px 4px rgb(194, 231, 132) }
```

Background

The CSS property to change the background color of an element to RGB 194, 231, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 231, 132) }
```

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

```
.background{ background-color: rgb(194,  
231, 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](#).

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