

Converting Colors

RGB(195, 231, 163)

Have a look what the booklet for
RGB(195, 231, 163) contains.

RGB(195, 231, 163)	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(195, 231, 163)

Conversions

Conversions Part 1

Format	Color
Hex	C3E7A3
RGB	195, 231, 163
RGB Percent	76%, 91%, 64%
CMY	0.2353, 0.0941, 0.3608
CMYK	0.16, 0.00, 0.29, 0.09
HSL	92°, 59%, 77%
HSV	92°, 29%, 91%
XYZ	57.6925, 71.3983, 45.3909
YIQ	212.4840, 0.3720, -28.7800

Conversions

Conversions Part 2

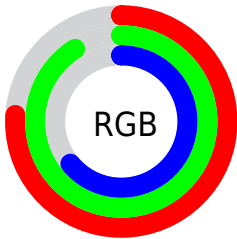
Format	Color
RYB	163, 231, 199
Decimal	12838819
CIELab	87.68, -23.54, 29.35
CIElCh	88, 37.625, 128.732
Yxy	71.3983, 0.3307, 0.4092
Android (android.graphics.Color)	4291028899 (0xFFC3E7A3)
YUV	212.4840, -24.3956, -15.3335
Hunter-Lab	84.4975, -25.9960, 27.2985

Details

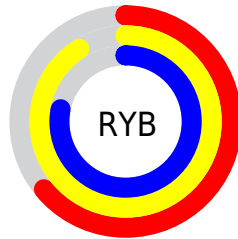
The RGB color **195, 231, 163** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **199, 163, 231**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **252, 255, 218**, and **140, 175, 111** is the 20% darker color. If you saturate the color by 10%, you get **183, 231, 140**, and if you desaturate by 10%, it is **207, 231, 186**.

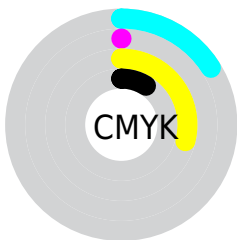
Distribution



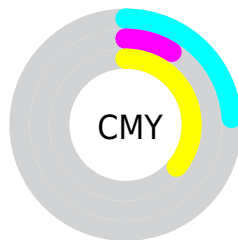
- Red (76%)
- Green (91%)
- Blue (64%)



- Red (64%)
- Yellow (91%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (29%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 231, 163 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 195, 231, 163 by changing the saturation by 10% instead.


 195, 231, 163

 195, 231, 163


255, 255, 255

 167, 203, 136

 252, 255, 218


 140, 175, 111

 255, 255, 247

 114, 149, 86

 89, 123, 62

 64, 98, 39

 40, 74, 15

 19, 51, 0

 0, 31, 0


 0, 0, 0

 195, 231, 163


 195, 231, 163

 183, 231, 140

 207, 231, 186

 171, 231, 117

 219, 231, 209

 158, 231, 94

 232, 231, 232

 146, 231, 71

 244, 231, 255

 134, 231, 47

 255, 231, 255

 122, 231, 24

 109, 231, 1

 109, 231, 0

Harmonies

Analogous

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



234, 221, 149



195, 231, 163



153, 237, 193

Triad

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



195, 231, 163



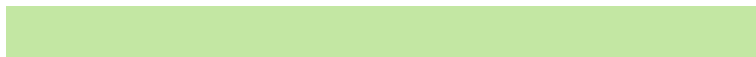
135, 231, 255



255, 193, 210

Complementary

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



195, 231, 163



199, 163, 231

Split Complementary

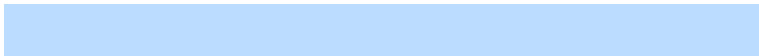
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 196, 247



195, 231, 163



188, 220, 255

Square

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



195, 231, 163



103, 237, 255



238, 207, 255



255, 198, 177

Rectangle

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



195, 231, 163



126, 239, 217



238, 207, 255



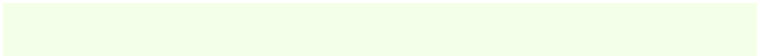
255, 193, 223

Sweetspot

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



195, 231, 163



243, 255, 232



231, 198, 163



120, 128, 113



0, 0, 0



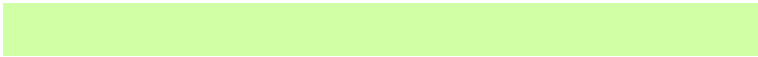
128, 128, 128

Same Dimension

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



195, 231, 163



208, 255, 166



163, 231, 164



109, 115, 103



84, 179, 0



24, 51, 0

Inverse Universe

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



199, 163, 231



213, 166, 255



231, 163, 230



109, 103, 115



94, 0, 179



27, 0, 51

Previews

White Background



This preview shows how the RGB color 195, 231, 163 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 195, 231, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

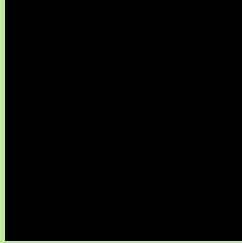
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

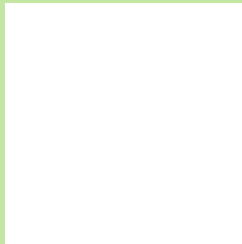
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 195, 231, 163 Background



This preview shows how black text looks on a background with the RGB color 195, 231, 163.

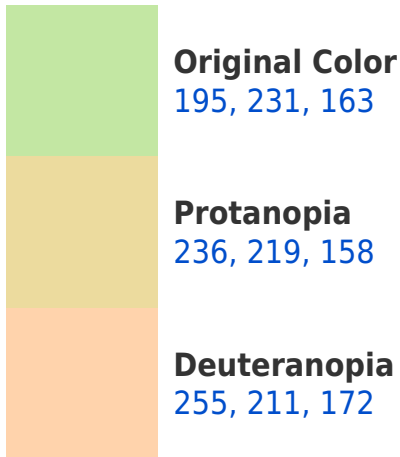


This preview shows how white text looks on a background with the RGB color 195, 231, 163.

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](#).

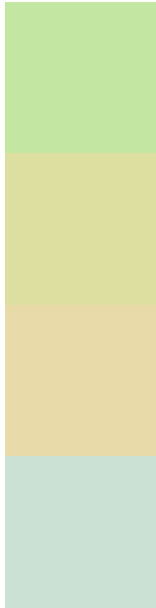
Dichromacy





Tritanopia
206, 221, 239

Trichromacy



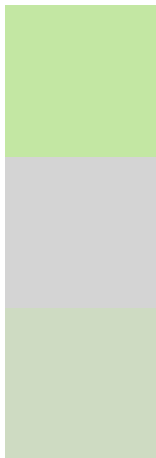
Original Color
195, 231, 163

Protanomaly
221, 223, 160

Deuteranomaly
233, 218, 169

Tritanomaly
202, 225, 211

Monochromacy



Original Color
195, 231, 163

Achromatopsia
212, 212, 212

Achromatomaly
206, 219, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 231, 163 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(195, 231, 163)` looks like.

```
.text, #text, p{  
    color:rgb(195, 231, 163)  
}
```

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(195, 231, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 231, 163) }
```

Border

The CSS property to change the border of an element to RGB 195, 231, 163 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(195, 231, 163) }
```

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

```
.border{ border-color:rgb(195, 231, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 231, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 231, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 231, 163);  
box-shadow:4px 4px 4px 4px rgb(195, 231,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 195, 231, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 231, 163) }
```

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

```
.background{ background-color: rgb(195,  
231, 163) }
```

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