

Converting Colors

RGB(198, 235, 163)

Have a look what the booklet for
RGB(198, 235, 163) contains.

RGB(198, 235, 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(198, 235, 163)

Conversions

Conversions Part 1

Format	Color
Hex	C6EBA3
RGB	198, 235, 163
RGB Percent	78%, 92%, 64%
CMY	0.2235, 0.0784, 0.3608
CMYK	0.16, 0.00, 0.31, 0.08
HSL	91°, 64%, 78%
HSV	91°, 31%, 92%
XYZ	59.6079, 74.0668, 45.8050
YIQ	215.7290, 1.0600, -30.2360

Conversions

Conversions Part 2

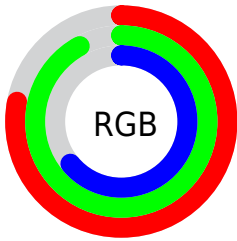
Format	Color
RYB	163, 235, 200
Decimal	13036451
CIELab	88.95, -24.41, 31.10
CIElCh	89, 39.531, 128.127
Yxy	74.0668, 0.3321, 0.4127
Android (android.graphics.Color)	4291226531 (0xFFC6EBA3)
YUV	215.7290, -25.9954, -15.5483
Hunter-Lab	86.0621, -26.9768, 28.6874

Details

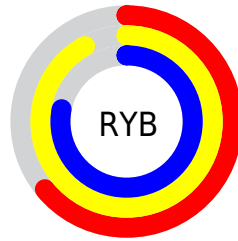
The RGB color **198, 235, 163** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **200, 163, 235**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 218**, and **143, 179, 111** is the 20% darker color. If you saturate the color by 10%, you get **186, 235, 139**, and if you desaturate by 10%, it is **210, 235, 187**.

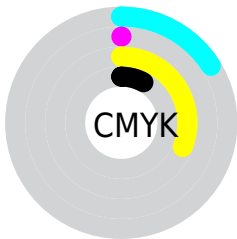
Distribution



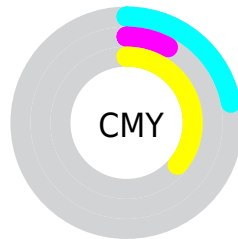
- Red (78%)
- Green (92%)
- Blue (64%)



- Red (64%)
- Yellow (92%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)



- Cyan (22%)
- Magenta (8%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 235, 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 198, 235, 163 by changing the saturation by 10% instead.

 198, 235, 163


255, 255, 255

 255, 255, 218

 255, 255, 247

 198, 235, 163

 170, 207, 136

 143, 179, 111


 117, 152, 86

 91, 126, 61

 67, 101, 38

 42, 77, 14

 20, 54, 0

 0, 33, 0

 0, 0, 0

 198, 235, 163

 198, 235, 163

 186, 235, 139


 210, 235, 187

 174, 235, 116


 222, 235, 210

 162, 235, 93


 234, 235, 234


 150, 235, 69

 246, 235, 255

 138, 235, 46

 255, 235, 255

 126, 235, 22

 114, 235, 0

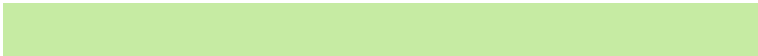
Harmonies

Analogous

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



239, 224, 148



198, 235, 163



153, 242, 194

Triad

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



198, 235, 163



131, 235, 255



255, 195, 214

Complementary

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



198, 235, 163



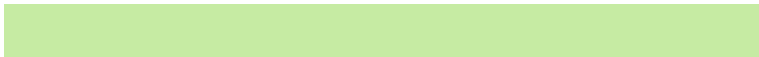
200, 163, 235

Split Complementary

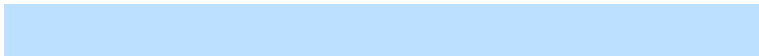
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 199, 252



198, 235, 163



188, 224, 255

Square

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



198, 235, 163



96, 242, 255



242, 210, 255



255, 200, 179

Rectangle

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



198, 235, 163



124, 244, 220



242, 210, 255



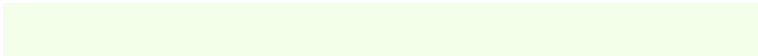
255, 195, 227

Sweetspot

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



198, 235, 163



243, 255, 232



235, 199, 163



120, 128, 113



0, 0, 0



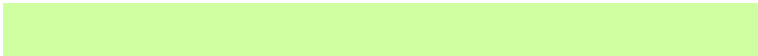
128, 128, 128

Same Dimension

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



198, 235, 163



207, 255, 161



163, 235, 163



111, 117, 106



88, 181, 0



26, 54, 0

Inverse Universe

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



200, 163, 235



209, 161, 255



235, 163, 235



112, 106, 117



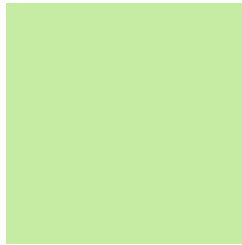
93, 0, 181



28, 0, 54

Previews

White Background



This preview shows how the RGB color 198, 235, 163 looks on a white background.

Color Contrast Check

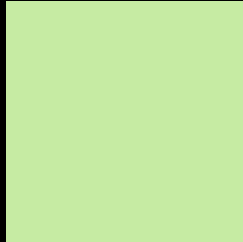
Large Text (above 18pt) WCAG AA × Fail

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 198, 235, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

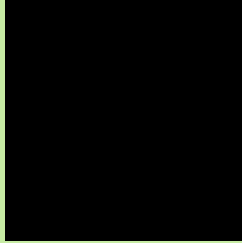
Any Text WCAG AA ✓ Pass

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 198, 235, 163 Background



This preview shows how black text looks on a background with the RGB color 198, 235, 163.

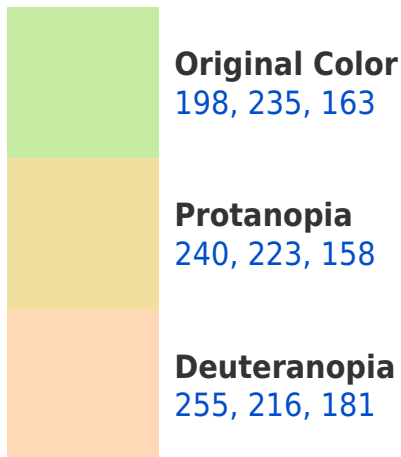


This preview shows how white text looks on a background with the RGB color 198, 235, 163.

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
210, 225, 243

Trichromacy



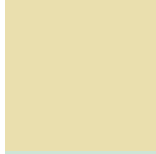
Original Color

198, 235, 163



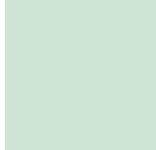
Protanomaly

225, 227, 160



Deuteranomaly

234, 223, 174



Tritanomaly

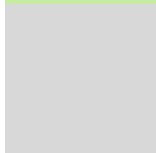
206, 229, 214

Monochromacy



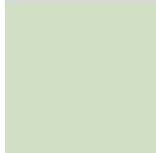
Original Color

198, 235, 163



Achromatopsia

216, 216, 216



Achromatomaly

209, 223, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 235, 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(198, 235, 163)` looks like.

```
.text, #text, p{  
    color:rgb(198, 235, 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(198, 235, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 235, 163) }
```

Border

The CSS property to change the border of an element to RGB 198, 235, 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(198, 235, 163) }
```

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

```
.border{ border-color:rgb(198, 235, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 235, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 235, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 235, 163);  
box-shadow:4px 4px 4px 4px rgb(198, 235,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 198, 235, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 235, 163) }
```

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

```
.background{ background-color: rgb(198,  
235, 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