

# Converting Colors

RGB(191, 238, 156)

Have a look what the booklet for  
RGB(191, 238, 156) contains.

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# **Color**

**RGB(191, 238, 156)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFEE9C
RGB	191, 238, 156
RGB Percent	75%, 93%, 61%
CMY	0.2510, 0.0667, 0.3882
CMYK	0.20, 0.00, 0.34, 0.07
HSL	94°, 71%, 77%
HSV	94°, 34%, 93%
XYZ	58.0611, 74.6257, 42.7966
YIQ	214.5990, -1.6900, -35.4660

# Conversions

## Conversions Part 2

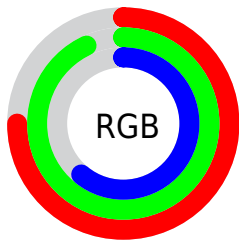
Format	Color
<b>RYB</b>	156, 238, 203
Decimal	12578460
CIELab	89.22, -29.28, 34.91
CIELCh	89, 45.558, 129.987
Yxy	74.6257, 0.3309, 0.4253
Android (android.graphics.Color)	4290768540 (0xFFBFEE9C)
YUV	214.5990, -28.8893, -20.6963
Hunter-Lab	86.3862, -31.2039, 31.0975

# Details

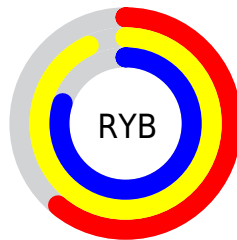
The RGB color **191, 238, 156** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **203, 156, 238**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **248, 255, 211**, and **136, 182, 104** is the 20% darker color. If you saturate the color by 10%, you get **177, 238, 132**, and if you desaturate by 10%, it is **205, 238, 180**.

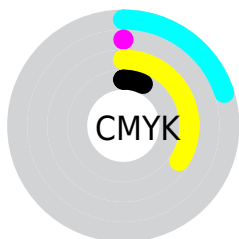
# Distribution



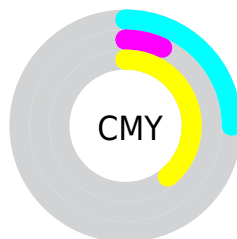
- Red (75%)
- Green (93%)
- Blue (61%)



- Red (61%)
- Yellow (93%)
- Blue (80%)



- Cyan (20%)
- Magenta (0%)
- Yellow (34%)
- Black (7%)



- Cyan (25%)
- Magenta (7%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 191, 238, 156 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 191, 238, 156 by changing the saturation by 10% instead.



 191, 238, 156

 191, 238, 156

255, 255, 255


 163, 210, 129

 248, 255, 211

 136, 182, 104

 255, 255, 240

 110, 155, 79

 84, 129, 55

 59, 103, 31

 33, 79, 4

 8, 56, 0

 0, 35, 0

 0, 0, 0

191, 238, 156

191, 238, 156

177, 238, 132

205, 238, 180

164, 238, 108

218, 238, 204

150, 238, 85

232, 238, 227

136, 238, 61

246, 238, 251

123, 238, 37

255, 238, 255

109, 238, 13

102, 238, 0

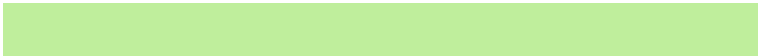
# Harmonies

## Analogous

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



239, 226, 137



191, 238, 156



137, 245, 193

# Triad

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



191, 238, 156



111, 237, 255



255, 190, 211

# Complementary

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



191, 238, 156



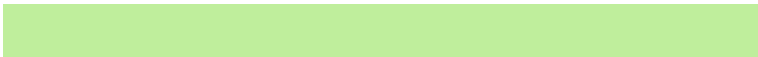
203, 156, 238

# Split Complementary

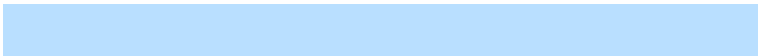
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 194, 255



191, 238, 156



185, 223, 255

# Square

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



191, 238, 156



45, 245, 255



248, 208, 255



255, 197, 170

# Rectangle

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



191, 238, 156



98, 247, 223



248, 208, 255

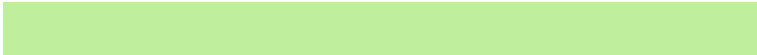


255, 190, 226



# Sweetspot

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



191, 238, 156



240, 255, 230



238, 202, 156



119, 128, 112



0, 0, 0



128, 128, 128

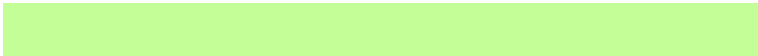


# Same Dimension

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



191, 238, 156



195, 255, 150



156, 238, 161



113, 120, 108



78, 184, 0



24, 56, 0



# Inverse Universe

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



203, 156, 238



210, 150, 255



238, 156, 233



115, 108, 120



105, 0, 184



32, 0, 56



# Previews

## White Background



This preview shows how the RGB color 191, 238, 156 looks on a white background.

## Color Contrast Check

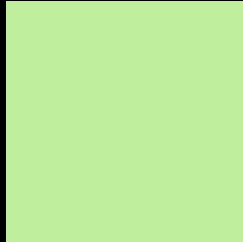
Large Text (above 18pt) WCAG AA × Fail

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 191, 238, 156 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

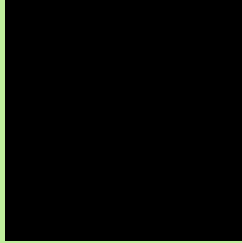
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 191, 238, 156 Background



This preview shows how black text looks on a background with the RGB color 191, 238, 156.

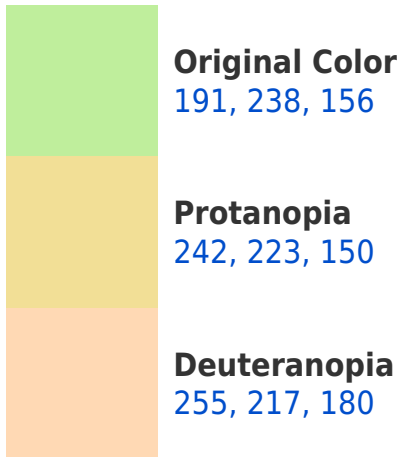


This preview shows how white text looks on a background with the RGB color 191, 238, 156.

# 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**  
204, 227, 245

# Trichromacy



**Original Color**

191, 238, 156



**Protanomaly**

223, 228, 152



**Deuteranomaly**

232, 225, 171



**Tritanomaly**

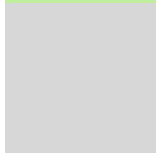
199, 231, 213

# Monochromacy



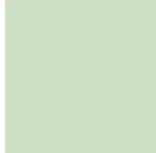
**Original Color**

191, 238, 156



**Achromatopsia**

215, 215, 215



**Achromatomaly**

206, 223, 194

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 191, 238, 156 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(191, 238, 156)` looks like.

```
.text, #text, p{  
    color:rgb(191, 238, 156)  
}
```

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(191, 238, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 238, 156) }
```

## Border

The CSS property to change the border of an element to RGB 191, 238, 156 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(191, 238, 156) }
```

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

```
.border{ border-color:rgb(191, 238, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 238, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 238, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 238, 156);  
box-shadow:4px 4px 4px 4px rgb(191, 238,  
156) }
```

# Background

The CSS property to change the background color of an element to RGB 191, 238, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 238, 156) }
```

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

```
.background{ background-color: rgb(191,  
238, 156) }
```

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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