

Converting Colors

RGB(181, 224, 158)

Have a look what the booklet for
RGB(181, 224, 158) contains.

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Color

RGB(181, 224, 158)

Conversions

Conversions Part 1

Format	Color
Hex	B5E09E
RGB	181, 224, 158
RGB Percent	71%, 88%, 62%
CMY	0.2902, 0.1216, 0.3804
CMYK	0.19, 0.00, 0.29, 0.12
HSL	99°, 52%, 75%
HSV	99°, 29%, 88%
XYZ	51.8833, 65.6037, 42.2760
YIQ	203.6190, -4.4420, -29.6420

Conversions

Conversions Part 2

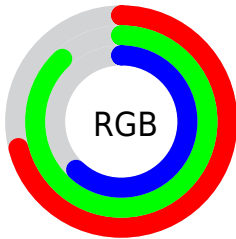
Format	Color
RYB	158, 224, 201
Decimal	11919518
CIELab	84.79, -25.82, 27.88
CIELCh	85, 37.999, 132.811
Yxy	65.6037, 0.3248, 0.4106
Android (android.graphics.Color)	4290109598 (0xFFB5E09E)
YUV	203.6190, -22.4902, -19.8369
Hunter-Lab	80.9961, -27.4023, 25.7508

Details

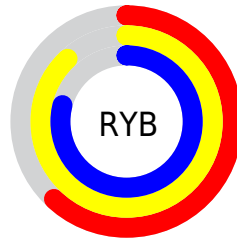
The RGB color **181, 224, 158** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **201, 158, 224**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **238, 255, 213**, and **127, 169, 106** is the 20% darker color. If you saturate the color by 10%, you get **166, 224, 136**, and if you desaturate by 10%, it is **196, 224, 180**.

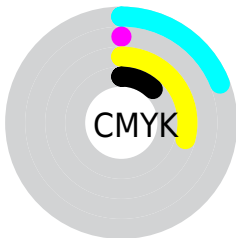
Distribution



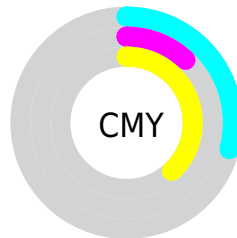
- Red (71%)
- Green (88%)
- Blue (62%)



- Red (62%)
- Yellow (88%)
- Blue (79%)



- Cyan (19%)
- Magenta (0%)
- Yellow (29%)
- Black (12%)



- Cyan (29%)
- Magenta (12%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 224, 158 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 181, 224, 158 by changing the saturation by 10% instead.


 181, 224, 158

255, 255, 255


 238, 255, 213


 255, 255, 242

 181, 224, 158

 154, 196, 132

 127, 169, 106

 101, 142, 81

 76, 116, 58

 52, 91, 35

 27, 68, 12

 4, 45, 0

 0, 25, 0

 0, 0, 0

 181, 224, 158

 181, 224, 158

 166, 224, 136


 196, 224, 180

 152, 224, 113


 210, 224, 203

 137, 224, 91

 225, 224, 225

 123, 224, 68


 239, 224, 248


 108, 224, 46

 254, 224, 255

 93, 224, 24

 255, 224, 255

 79, 224, 1

 78, 224, 0

Harmonies

Analogous

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



221, 214, 141



181, 224, 158



138, 230, 189

Triad

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



181, 224, 158



132, 221, 255



255, 185, 197

Complementary

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



181, 224, 158



201, 158, 224

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, 187, 234



181, 224, 158



187, 210, 255

Square

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



181, 224, 158



92, 229, 255



236, 197, 255



255, 191, 165

Rectangle

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



181, 224, 158



111, 231, 214



236, 197, 255



255, 185, 210

Sweetspot

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



181, 224, 158



240, 255, 232



224, 201, 158



118, 128, 113



0, 0, 0



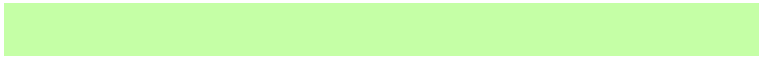
128, 128, 128

Same Dimension

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



181, 224, 158



197, 255, 166



158, 224, 168



105, 112, 101



61, 176, 0



17, 48, 0

Inverse Universe

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



201, 158, 224



224, 166, 255



224, 158, 214



108, 101, 112



115, 0, 176



32, 0, 48

Previews

White Background



This preview shows how the RGB color 181, 224, 158 looks on a white background.

Color Contrast Check

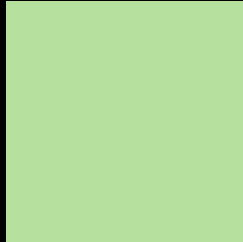
Large Text (above 18pt) WCAG AA × Fail

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 181, 224, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

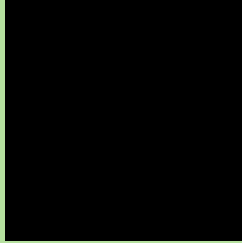
Any Text WCAG AA ✓ Pass

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 181, 224, 158 Background



This preview shows how black text looks on a background with the RGB color 181, 224, 158.

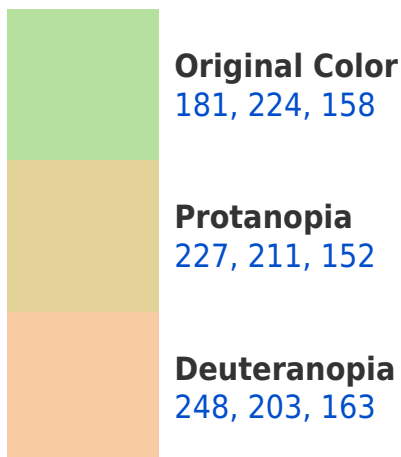


This preview shows how white text looks on a background with the RGB color 181, 224, 158.

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
193, 215, 232

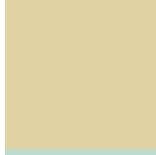
Trichromacy



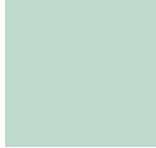
Original Color
181, 224, 158



Protanomaly
210, 216, 154



Deuteranomaly
224, 211, 161

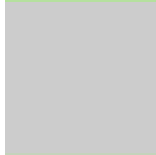


Tritanomaly
189, 218, 205

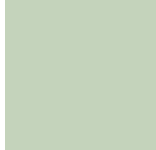
Monochromacy



Original Color
181, 224, 158



Achromatopsia
204, 204, 204



Achromatomaly
196, 211, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 224, 158 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(181, 224, 158)` looks like.

```
.text, #text, p{  
    color:rgb(181, 224, 158)  
}
```

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(181, 224, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 224, 158) }
```

Border

The CSS property to change the border of an element to RGB 181, 224, 158 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(181, 224, 158) }
```

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

```
.border{ border-color:rgb(181, 224, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 224, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 224, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 224, 158); box-shadow:4px 4px 4px 4px rgb(181, 224, 158) }
```

Background

The CSS property to change the background color of an element to RGB 181, 224, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 224, 158) }
```

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

```
.background{ background-color: rgb(181,  
224, 158) }
```

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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