

# Converting Colors

RGB(181, 224, 189)

Have a look what the booklet for  
RGB(181, 224, 189) contains.

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# **Color**

**RGB(181, 224, 189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E0BD
RGB	181, 224, 189
RGB Percent	71%, 88%, 74%
CMY	0.2902, 0.1216, 0.2588
CMYK	0.19, 0.00, 0.16, 0.12
HSL	131°, 41%, 79%
HSV	131°, 19%, 88%
XYZ	54.8970, 66.8092, 58.1462
YIQ	207.1530, -14.3930, -20.0010

# Conversions

## Conversions Part 2

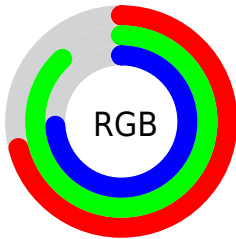
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">181, 217, 224</a>
Decimal	<a href="#">11919549</a>
CIELab	<a href="#">85.41, -20.71, 12.58</a>
CIElCh	<a href="#">85, 24.226, 148.721</a>
Yxy	<a href="#">66.8092, 0.3052, 0.3715</a>
Android (android.graphics.Color)	<a href="#">4290109629 (0xFFB5E0BD)</a>
YUV	<a href="#">207.1530, -8.9494, -22.9362</a>
Hunter-Lab	<a href="#">81.7369, -23.1534, 15.0380</a>

# Details

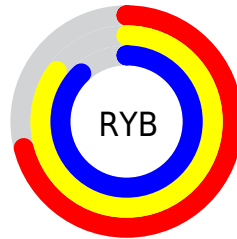
The RGB color **181, 224, 189** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **224, 181, 216**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **237, 255, 245**, and **128, 169, 136** is the 20% darker color. If you saturate the color by 10%, you get **159, 224, 171**, and if you desaturate by 10%, it is **203, 224, 207**.

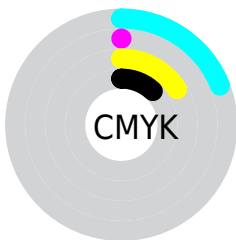
# Distribution



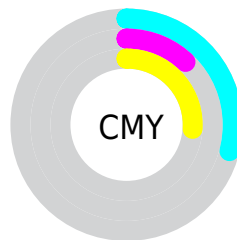
- Red (71%)
- Green (88%)
- Blue (74%)



- Red (71%)
- Yellow (85%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (29%)
- Magenta (12%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 181, 224, 189 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, 189 by changing the saturation by 10% instead.




 181, 224, 189


255, 255, 255


 237, 255, 245

 181, 224, 189

 154, 196, 162

 128, 169, 136

 102, 142, 110

 77, 116, 86

 53, 92, 63

 30, 68, 40

 6, 45, 20

 0, 26, 0

 0, 0, 0

 181, 224, 189

 181, 224, 189

 159, 224, 171

 203, 224, 207

 136, 224, 153

 226, 224, 225

 114, 224, 134

 248, 224, 244

 91, 224, 116

 255, 224, 255

 69, 224, 98

 47, 224, 80

 24, 224, 61

 2, 224, 43

 0, 224, 42

# Harmonies

## Analogous

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



207, 219, 173



181, 224, 189



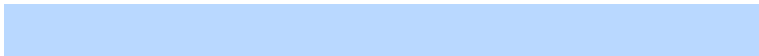
159, 227, 212

# Triad

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



181, 224, 189



185, 216, 255



255, 199, 192

# Complementary

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



181, 224, 189



224, 181, 216

# 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, 197, 215



181, 224, 189



216, 208, 253

# Square

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



181, 224, 189



160, 222, 252



242, 201, 238



251, 204, 175

# Rectangle

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



181, 224, 189



151, 226, 227



242, 201, 238



255, 198, 200



# Sweetspot

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



181, 224, 189



240, 255, 243



216, 224, 181



119, 128, 120



0, 0, 0



128, 128, 128

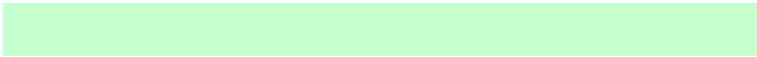


# Same Dimension

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



181, 224, 189



196, 255, 207



181, 224, 210



101, 112, 103



0, 176, 33



0, 48, 9



# Inverse Universe

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



224, 181, 216



255, 196, 244



224, 181, 195



112, 101, 110



176, 0, 143

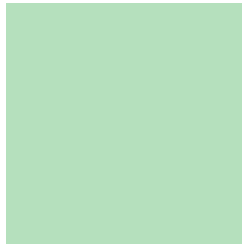


48, 0, 39



# Previews

## White Background



This preview shows how the RGB color 181, 224, 189 looks on a white background.

## Color Contrast Check

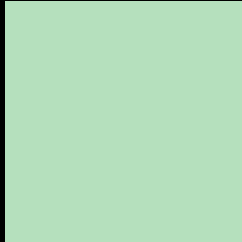
Large Text (above 18pt) WCAG AA × Fail

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, 189 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

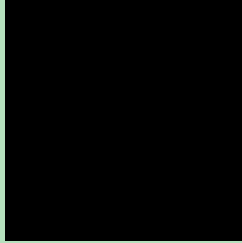
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

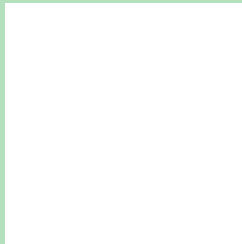
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 181, 224, 189 Background



This preview shows how black text looks on a background with the RGB color 181, 224, 189.

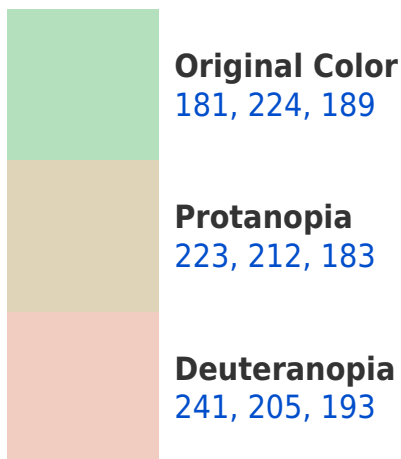


This preview shows how white text looks on a background with the RGB color 181, 224, 189.

# 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](#).

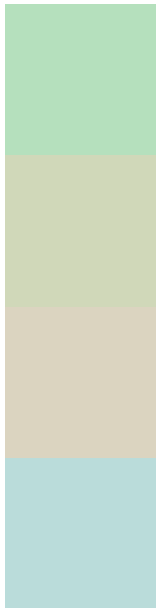
## Dichromacy





**Tritanopia**  
189, 218, 235

# Trichromacy



**Original Color**  
181, 224, 189

**Protanomaly**  
208, 216, 185

**Deuteranomaly**  
219, 212, 192

**Tritanomaly**  
186, 220, 218

# Monochromacy



**Original Color**  
181, 224, 189

**Achromatopsia**  
207, 207, 207

**Achromatomaly**  
198, 213, 200

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 181, 224, 189 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(181, 224, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 224, 189) }
```

## Border

The CSS property to change the border of an element to RGB 181, 224, 189 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, 189) }
```

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

```
.border{ border-color:rgb(181, 224, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 224, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 224, 189); box-shadow:4px 4px 4px 4px rgb(181, 224, 189) }
```

# Background

The CSS property to change the background color of an element to RGB 181, 224, 189 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, 189) }
```

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

```
.background{ background-color: rgb(181,  
224, 189) }
```

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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