

# Converting Colors

RGB(163, 216, 184)

Have a look what the booklet for  
RGB(163, 216, 184) contains.

<b>RGB(163, 216, 184)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**RGB(163, 216, 184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3D8B8
RGB	163, 216, 184
RGB Percent	64%, 85%, 72%
CMY	0.3608, 0.1529, 0.2784
CMYK	0.25, 0.00, 0.15, 0.15
HSL	144°, 40%, 74%
HSV	144°, 25%, 85%
XYZ	48.3119, 60.3590, 54.4515
YIQ	196.5050, -21.3160, -21.1880

# Conversions

## Conversions Part 2

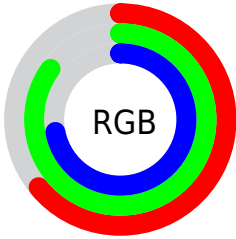
Format	Color
<b>RYB</b>	163, 201, 216
Decimal	10737848
CIELab	82.03, -23.52, 10.27
CIELCh	82, 25.668, 156.409
Yxy	60.3590, 0.2962, 0.3700
Android (android.graphics.Color)	4288927928 (0xFFFA3D8B8)
YUV	196.5050, -6.1650, -29.3839
Hunter-Lab	77.6910, -24.9598, 12.8290

# Details

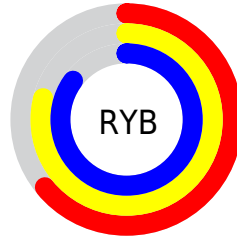
The RGB color **163, 216, 184** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **216, 163, 195**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **219, 255, 240**, and **110, 161, 131** is the 20% darker color. If you saturate the color by 10%, you get **141, 216, 171**, and if you desaturate by 10%, it is **185, 216, 197**.

# Distribution



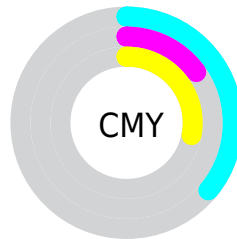
- Red (64%)
- Green (85%)
- Blue (72%)



- Red (64%)
- Yellow (79%)
- Blue (85%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (15%)



- Cyan (36%)
- Magenta (15%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 163, 216, 184 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 163, 216, 184 by changing the saturation by 10% instead.



 163, 216, 184

255, 255, 255


 219, 255, 240

 248, 255, 255

 163, 216, 184

 136, 188, 157

 110, 161, 131


 85, 135, 106


 60, 109, 82

 36, 85, 59

 8, 61, 37


 0, 39, 16

 0, 14, 0

 0, 0, 0

 163, 216, 184

 163, 216, 184

 141, 216, 171

 185, 216, 197

 120, 216, 158

 206, 216, 210

 98, 216, 145

 228, 216, 223

 77, 216, 132

 249, 216, 236

 55, 216, 119

 255, 216, 249

 33, 216, 106

 255, 216, 255

 12, 216, 93

 0, 216, 86

# Harmonies

## Analogous

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



190, 211, 165



163, 216, 184



142, 218, 208

# Triad

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



163, 216, 184



182, 204, 251



252, 189, 177

# Complementary

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



163, 216, 184



216, 163, 195

# 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.



252, 187, 200



163, 216, 184



215, 196, 243

# Square

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



163, 216, 184



152, 212, 247



240, 189, 224



239, 196, 161

# Rectangle

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



163, 216, 184



136, 217, 224



240, 189, 224



253, 188, 184



# Sweetspot

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



163, 216, 184



237, 255, 244



196, 216, 163



117, 128, 121



0, 0, 0



128, 128, 128

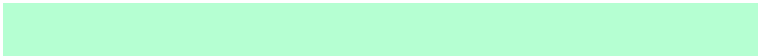


# Same Dimension

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



163, 216, 184



181, 255, 210



163, 216, 210



96, 107, 101



0, 171, 68



0, 43, 17



# Inverse Universe

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



216, 163, 195



255, 181, 226



216, 163, 169



107, 96, 103



171, 0, 103



43, 0, 26



# Previews

## White Background



This preview shows how the RGB color 163, 216, 184 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 163, 216, 184 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

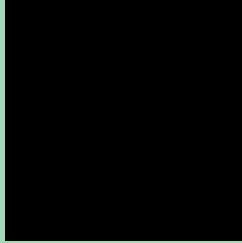
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

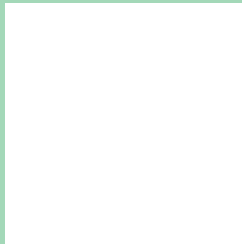
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 163, 216, 184 Background



This preview shows how black text looks on a background with the RGB color 163, 216, 184.

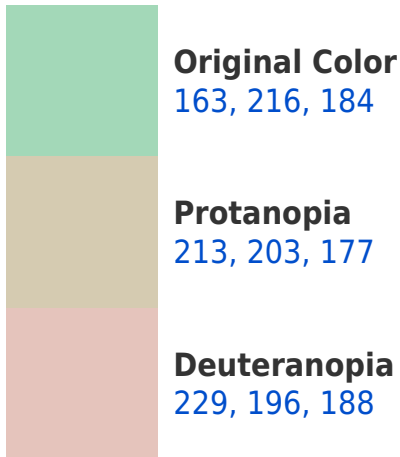


This preview shows how white text looks on a background with the RGB color 163, 216, 184.

# 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**  
171, 210, 227

# Trichromacy



**Original Color**  
163, 216, 184

**Protanomaly**  
195, 208, 180

**Deuteranomaly**  
205, 203, 187

**Tritanomaly**  
168, 212, 211

# Monochromacy



**Original Color**  
163, 216, 184

**Achromatopsia**  
197, 197, 197

**Achromatomaly**  
185, 204, 192

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 163, 216, 184 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(163, 216, 184)` looks like.

```
.text, #text, p{  
    color:rgb(163, 216, 184)  
}
```

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(163, 216, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 216, 184) }
```

## Border

The CSS property to change the border of an element to RGB 163, 216, 184 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(163, 216, 184) }
```

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

```
.border{ border-color:rgb(163, 216, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 216, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 216, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 216, 184);  
box-shadow:4px 4px 4px 4px rgb(163, 216,  
184) }
```

# Background

The CSS property to change the background color of an element to RGB 163, 216, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 216, 184) }
```

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

```
.background{ background-color: rgb(163,  
216, 184) }
```

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