

Converting Colors

RGB(165, 207, 168)

Have a look what the booklet for
RGB(165, 207, 168) contains.

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Color

RGB(165, 207, 168)

Conversions

Conversions Part 1

Format	Color
Hex	A5CFA8
RGB	165, 207, 168
RGB Percent	65%, 81%, 66%
CMY	0.3529, 0.1882, 0.3412
CMYK	0.20, 0.00, 0.19, 0.19
HSL	124°, 30%, 73%
HSV	124°, 20%, 81%
XYZ	44.8978, 55.4521, 45.3828
YIQ	189.9960, -12.5130, -21.0330

Conversions

Conversions Part 2

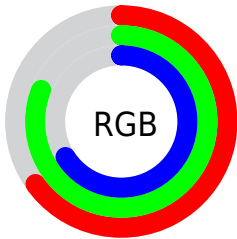
Format	Color
RYB	165, 204, 207
Decimal	10866600
CIELab	79.30, -21.38, 14.92
CIElCh	79, 26.067, 145.096
Yxy	55.4521, 0.3081, 0.3805
Android (android.graphics.Color)	4289056680 (0xFFA5CFA8)
YUV	189.9960, -10.8440, -21.9215
Hunter-Lab	74.4662, -22.6932, 15.9926

Details

The RGB color **165, 207, 168** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **207, 165, 204**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **221, 255, 223**, and **112, 153, 116** is the 20% darker color. If you saturate the color by 10%, you get **144, 207, 149**, and if you desaturate by 10%, it is **186, 207, 187**.

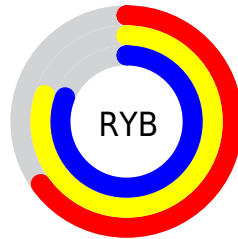
Distribution



Red (65%)

Green (81%)

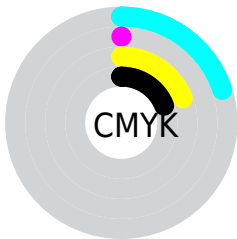
Blue (66%)



Red (65%)

Yellow (80%)

Blue (81%)

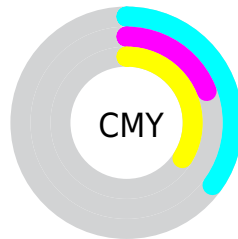


Cyan (20%)

Magenta (0%)

Yellow (19%)

Black (19%)



Cyan (35%)

Magenta (19%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 207, 168 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 165, 207, 168 by changing the saturation by 10% instead.


 165, 207, 168

255, 255, 255

 221, 255, 223

 249, 255, 252

 165, 207, 168

 138, 179, 142

 112, 153, 116

 87, 126, 91

 63, 101, 68

 40, 77, 45

 16, 54, 24

 0, 33, 0

 0, 0, 0

 165, 207, 168

 165, 207, 168

 144, 207, 149

 186, 207, 187

 124, 207, 130

 206, 207, 206

 103, 207, 110


 227, 207, 226

 82, 207, 91

 248, 207, 245

 62, 207, 72

 255, 207, 255

 41, 207, 53

 20, 207, 33

 0, 207, 15

Harmonies

Analogous

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



193, 201, 152



165, 207, 168



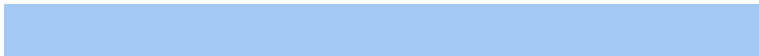
140, 210, 191

Triad

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



165, 207, 168



162, 200, 244



246, 180, 177

Complementary

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



165, 207, 168



207, 165, 204

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.



242, 179, 201



165, 207, 168



195, 192, 240

Square

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



165, 207, 168



135, 206, 235



224, 184, 225



237, 186, 158

Rectangle

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



165, 207, 168



129, 210, 208



224, 184, 225



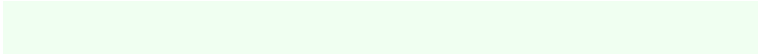
246, 179, 185

Sweetspot

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



165, 207, 168



240, 255, 241



204, 207, 165



119, 128, 119



0, 0, 0



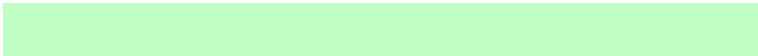
128, 128, 128

Same Dimension

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



165, 207, 168



194, 255, 198



165, 207, 189



94, 105, 95



0, 168, 12



0, 41, 3

Inverse Universe

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



207, 165, 204



255, 194, 251



207, 165, 183



105, 94, 104



168, 0, 156



41, 0, 38

Previews

White Background



This preview shows how the RGB color 165, 207, 168 looks on a white background.

Color Contrast Check

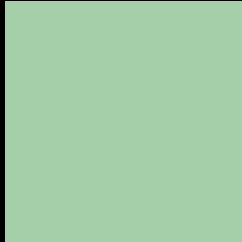
Large Text (above 18pt) WCAG AA × Fail

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 165, 207, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

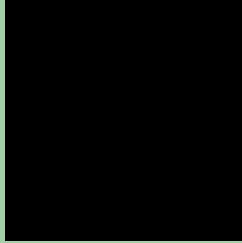
Any Text WCAG AA ✓ Pass

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 165, 207, 168 Background



This preview shows how black text looks on a background with the RGB color 165, 207, 168.

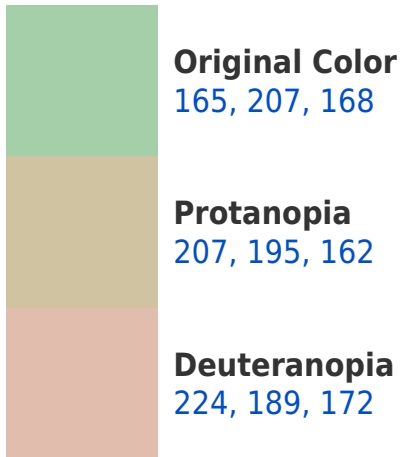


This preview shows how white text looks on a background with the RGB color 165, 207, 168.

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
173, 200, 216

Trichromacy



Original Color
165, 207, 168

Protanomaly
192, 199, 164

Deuteranomaly
203, 196, 171

Tritanomaly
170, 203, 199

Monochromacy



Original Color
165, 207, 168

Achromatopsia
190, 190, 190

Achromatomaly
181, 196, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 207, 168 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(165, 207, 168)` looks like.

```
.text, #text, p{  
    color:rgb(165, 207, 168)  
}
```

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(165, 207, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 207, 168) }
```

Border

The CSS property to change the border of an element to RGB 165, 207, 168 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(165, 207, 168) }
```

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

```
.border{ border-color:rgb(165, 207, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 207, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 207, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 207, 168);  
box-shadow:4px 4px 4px 4px rgb(165, 207,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 165, 207, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 207, 168) }
```

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

```
.background{ background-color: rgb(165,  
207, 168) }
```

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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