

Converting Colors

RGB(165, 200, 158)

Have a look what the booklet for
RGB(165, 200, 158) contains.

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Color

RGB(165, 200, 158)

Conversions

Conversions Part 1

Format	Color
Hex	A5C89E
RGB	165, 200, 158
RGB Percent	65%, 78%, 62%
CMY	0.3529, 0.2157, 0.3804
CMYK	0.17, 0.00, 0.21, 0.22
HSL	110°, 28%, 70%
HSV	110°, 21%, 78%
XYZ	42.3429, 51.7765, 40.1099
YIQ	184.7470, -7.3780, -20.4820

Conversions

Conversions Part 2

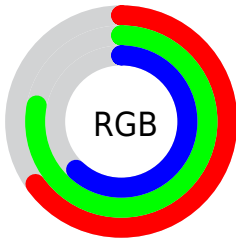
Format	Color
RYB	158, 200, 193
Decimal	10864798
CIELab	77.15, -19.62, 17.23
CIELCh	77, 26.113, 138.721
Yxy	51.7765, 0.3155, 0.3857
Android (android.graphics.Color)	4289054878 (0xFFA5C89E)
YUV	184.7470, -13.1863, -17.3181
Hunter-Lab	71.9559, -20.8834, 17.3195

Details

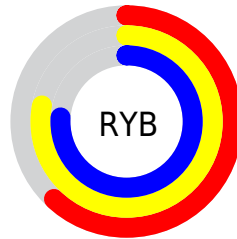
The RGB color **165, 200, 158** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **193, 158, 200**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **220, 255, 213**, and **113, 146, 106** is the 20% darker color. If you saturate the color by 10%, you get **148, 200, 138**, and if you desaturate by 10%, it is **182, 200, 178**.

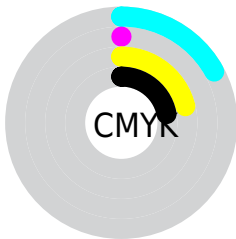
Distribution



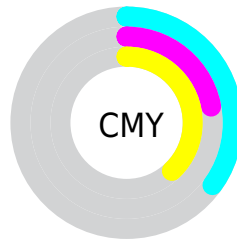
- Red (65%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (35%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 200, 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 165, 200, 158 by changing the saturation by 10% instead.

 165, 200, 158

255, 255, 255


 220, 255, 213

 249, 255, 241


 165, 200, 158

 138, 173, 132

 113, 146, 106

 88, 120, 82

 64, 95, 59

 40, 71, 37

 18, 49, 16

 0, 29, 0

 0, 0, 0

 165, 200, 158

 165, 200, 158

 148, 200, 138

 182, 200, 178

 132, 200, 118

 198, 200, 198

 115, 200, 98

 215, 200, 218

 98, 200, 78

 232, 200, 238


 82, 200, 58

 248, 200, 255

 65, 200, 38

 255, 200, 255

 48, 200, 18

 33, 200, 0

Harmonies

Analogous

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



193, 194, 144



165, 200, 158



139, 204, 180

Triad

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



165, 200, 158



149, 195, 237



240, 174, 176

Complementary

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



165, 200, 158



193, 158, 200

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.



233, 174, 201



165, 200, 158



182, 187, 236

Square

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



165, 200, 158



125, 201, 226



213, 179, 223



234, 178, 155

Rectangle

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



165, 200, 158



126, 204, 197



213, 179, 223



239, 173, 184

Sweetspot

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



165, 200, 158



242, 255, 240



200, 193, 158



120, 128, 119



0, 0, 0



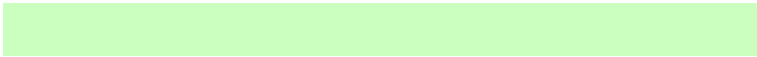
128, 128, 128

Same Dimension

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



165, 200, 158



202, 255, 191



158, 200, 172



91, 99, 90



27, 163, 0



6, 36, 0

Inverse Universe

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



193, 158, 200



244, 191, 255



200, 158, 186



98, 90, 99



136, 0, 163



30, 0, 36

Previews

White Background



This preview shows how the RGB color 165, 200, 158 looks on a white background.

Color Contrast Check

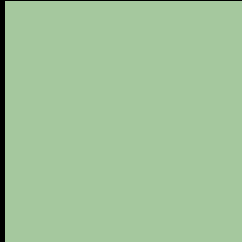
Large Text (above 18pt) WCAG AA × Fail

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 165, 200, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

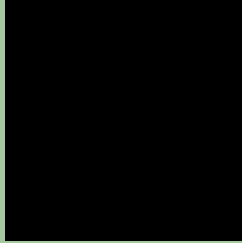
Any Text WCAG AA ✓ Pass

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 165, 200, 158 Background



This preview shows how black text looks on a background with the RGB color 165, 200, 158.

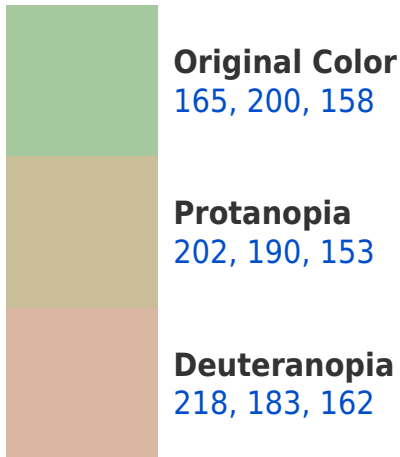



This preview shows how white text looks on a background with the RGB color 165, 200, 158.

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](#).

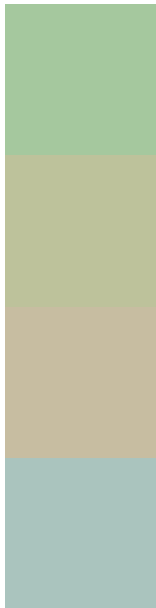
Dichromacy





Tritanopia
173, 193, 209

Trichromacy



Original Color
165, 200, 158

Protanomaly
189, 194, 155

Deuteranomaly
199, 189, 161

Tritanomaly
170, 196, 190

Monochromacy



Original Color
165, 200, 158

Achromatopsia
185, 185, 185

Achromatomaly
178, 190, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 200, 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(165, 200, 158)` looks like.

```
.text, #text, p{  
    color:rgb(165, 200, 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(165, 200, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 200, 158) }
```

Border

The CSS property to change the border of an element to RGB 165, 200, 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(165, 200, 158) }
```

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

```
.border{ border-color:rgb(165, 200, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 200, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 200, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 200, 158);  
box-shadow:4px 4px 4px 4px rgb(165, 200,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 165, 200, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 200, 158) }
```

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

```
.background{ background-color: rgb(165,  
200, 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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