

Converting Colors

`RYB(148, 177, 167)`

Have a look what the booklet for
RYB(148, 177, 167) contains.

RYB(148, 177, 167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(148, 177, 167)$

Conversions

Conversions Part 1

Format	Color
Hex	9EB194
RGB	158, 177, 148
RGB Percent	62%, 69%, 58%
CMY	0.3804, 0.3059, 0.4196
CMYK	0.11, 0.00, 0.16, 0.31
HSL	99°, 16%, 64%
HSV	99°, 16%, 69%
XYZ	35.1680, 40.8515, 34.0486
YIQ	168.0130, -2.0150, -13.0470

Conversions

Conversions Part 2

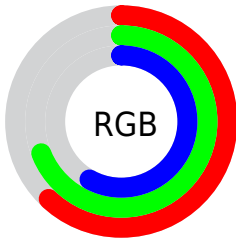
Format	Color
RYB	148, 177, 167
Decimal	10400148
CIELab	70.07, -12.04, 12.65
CIELCh	70, 17.466, 133.598
Yxy	40.8515, 0.3195, 0.3711
Android (android.graphics.Color)	4288590228 (0xFF9EB194)
YUV	168.0130, -9.8664, -8.7814
Hunter-Lab	63.9152, -13.6357, 13.1560

Details

The RYB color **148, 177, 167** is a light color, and the websafe version is hex **999966**. A complement of this color would be **167, 148, 177**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **202, 233, 222**, and **97, 124, 115** is the 20% darker color. If you saturate the color by 10%, you get **130, 177, 161**, and if you desaturate by 10%, it is **166, 177, 173**.

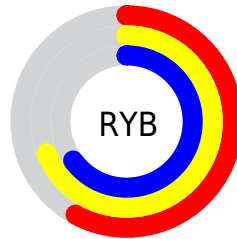
Distribution



Red (62%)

Green (69%)

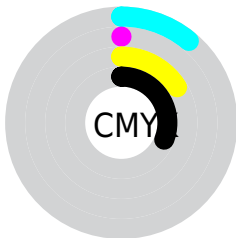
Blue (58%)



Red (58%)

Yellow (69%)

Blue (65%)

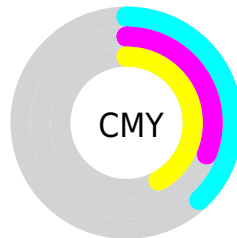


Cyan (11%)

Magenta (0%)

Yellow (16%)

Black (31%)



Cyan (38%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 177, 167 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 RYB color 148, 177, 167 by changing the saturation by 10% instead.


 148, 177, 167


255, 255, 255

 202, 233, 222


 230, 255, 244

 148, 177, 167

 122, 150, 140

 97, 124, 115

 73, 99, 90


 51, 76, 68


 29, 53, 45


 5, 31, 19

 0, 0, 0


 148, 177, 167


 130, 177, 161

 148, 177, 167


 166, 177, 173


 113, 177, 155


 181, 177, 183

 95, 177, 149


 193, 177, 201


 77, 177, 142


 204, 177, 219

 60, 177, 137

 216, 177, 237


 42, 177, 131

 228, 177, 254

 24, 177, 124

 239, 177, 255

 6, 177, 118

 251, 177, 255

 0, 177, 116

 255, 177, 255

Harmonies

Analogous

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



143, 176, 140



148, 177, 167



141, 166, 180

Triad

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



148, 177, 167



143, 164, 201



205, 160, 164

Complementary

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



148, 177, 167



167, 148, 177

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.



198, 161, 181



148, 177, 167



163, 169, 202

Square

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



148, 177, 167



131, 158, 193



183, 165, 194



202, 167, 150

Rectangle

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



148, 177, 167



133, 159, 181



183, 165, 194



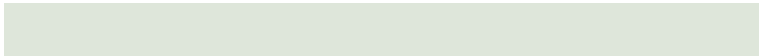
203, 160, 170

Sweetspot

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



148, 177, 167



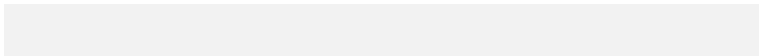
218, 230, 226



163, 177, 148



108, 115, 113



242, 242, 242



115, 115, 115

Same Dimension

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



148, 177, 167



184, 230, 215



148, 173, 177



80, 89, 86



0, 153, 100



0, 26, 17

Inverse Universe

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



167, 148, 177



214, 184, 230



177, 148, 173



86, 80, 89



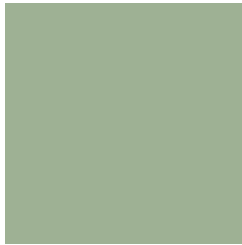
100, 0, 153



17, 0, 26

Previews

White Background



This preview shows how the RYB color 148, 177, 167 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 RYB color 148, 177, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

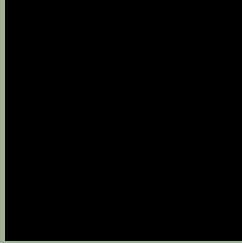
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

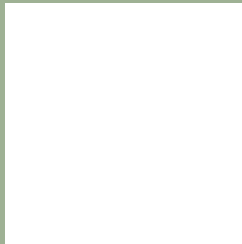
Any Text WCAG AAA ✓ Pass

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

RYB 148, 177, 167 Background



This preview shows how black text looks on a background with the RYB color 148, 177, 167.

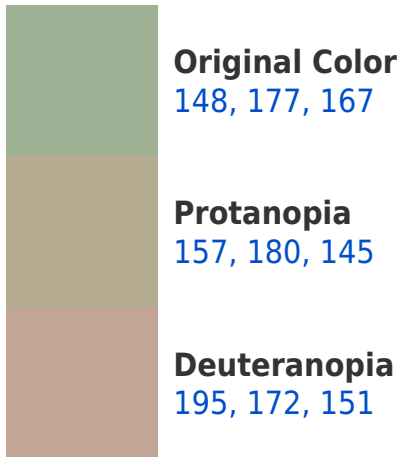


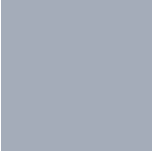
This preview shows how white text looks on a background with the RYB color 148, 177, 167.

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
164, 170, 185

Trichromacy



Original Color

148, 177, 167

Protanomaly

146, 173, 147

Deuteranomaly

172, 182, 150

Tritanomaly

162, 169, 174

Monochromacy



Original Color

148, 177, 167

Achromatopsia

168, 168, 168

Achromatomaly

161, 171, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 148, 177, 167 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(158, 177, 148) looks like.

```
.text, #text, p{  
    color:rgb(158, 177, 148)  
}
```

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(158, 177, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 177, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 177, 167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

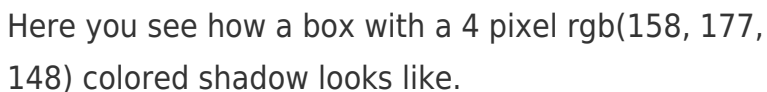
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 177, 148) }
```

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

```
.border{ border-color:rgb(158, 177, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 177, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 177, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 177, 148); box-shadow:4px 4px 4px 4px rgb(158, 177, 148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 177, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 177, 148) }
```

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

```
.background{ background-color: rgb(158,  
177, 148) }
```

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