

# Converting Colors

`RYB(161, 177, 182)`

Have a look what the booklet for RYB(161, 177, 182) contains.

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# **Color**

**R<sub>Y</sub>B(161, 177, 182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1B6A8
RGB	161, 182, 168
RGB Percent	63%, 71%, 66%
CMY	0.3686, 0.2863, 0.3429
CMYK	0.12, 0.00, 0.08, 0.29
HSL	139°, 13%, 67%
HSV	139°, 12%, 71%
XYZ	38.4531, 43.8438, 43.2685
YIQ	174.1250, -8.0220, -8.8060

# Conversions

## Conversions Part 2

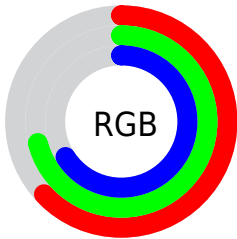
Format	Color
<a href="#">RYB</a>	<a href="#">161, 177, 182</a>
Decimal	<a href="#">10598056</a>
CIELab	<a href="#">72.12, -10.04, 4.90</a>
CIELCh	<a href="#">72, 11.175, 154.002</a>
Yxy	<a href="#">43.8438, 0.3062, 0.3492</a>
Android (android.graphics.Color)	<a href="#">4288788136 (0xFFA1B6A8)</a>
YUV	<a href="#">174.1250, -3.0196, -11.5106</a>
Hunter-Lab	<a href="#">66.2147, -12.2148, 7.6068</a>

# Details

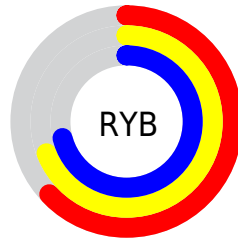
The RYB color **161, 177, 182** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182, 161, 175**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **216, 233, 238**, and **109, 124, 129** is the 20% darker color. If you saturate the color by 10%, you get **143, 173, 182**, and if you desaturate by 10%, it is **179, 181, 182**.

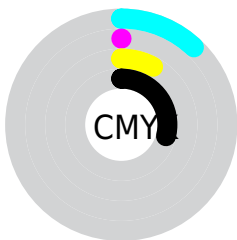
# Distribution



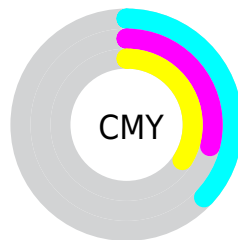
- Red (63%)
- Green (71%)
- Blue (66%)



- Red (63%)
- Yellow (69%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (37%)
- Magenta (29%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 161, 177, 182 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 161, 177, 182 by changing the saturation by 10% instead.



 161, 177, 182


255, 255, 255

 216, 233, 238

 244, 251, 255

 161, 177, 182

 135, 150, 155

 109, 124, 129

 85, 99, 104

 62, 76, 80

 39, 53, 57

 19, 31, 35

 0, 14, 14

 0, 0, 0

 161, 177, 182


 161, 177, 182

 143, 173, 182


 179, 181, 182

 125, 168, 182


 197, 182, 193


 106, 164, 182


 216, 182, 205

 88, 159, 182


 234, 182, 218

 70, 155, 182


 252, 182, 230


 52, 151, 182

 255, 182, 243

 34, 147, 182

 255, 182, 255

 15, 142, 182

 0, 139, 182

# Harmonies

## Analogous

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



160, 180, 168



161, 177, 182



153, 169, 183

# Triad

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



161, 177, 182



168, 175, 197



198, 172, 166

# Complementary

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



161, 177, 182



182, 161, 175

# 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, 170, 176



161, 177, 182



181, 174, 194

# Square

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



161, 177, 182



157, 171, 195



192, 171, 186



193, 183, 159

# Rectangle

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



161, 177, 182



151, 167, 185



192, 171, 186



199, 170, 169



# Sweetspot

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



161, 177, 182



230, 235, 237



161, 182, 167



115, 119, 120



247, 247, 247



120, 120, 120



# Same Dimension

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



161, 177, 182



204, 229, 237



161, 173, 182



83, 90, 92



0, 119, 156



0, 21, 28



# Inverse Universe

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



182, 161, 175



237, 204, 227



182, 161, 165



92, 83, 89



156, 0, 107



28, 0, 19



# Previews

## White Background



This preview shows how the RYB color 161, 177, 182 looks on a white background.

## Color Contrast Check

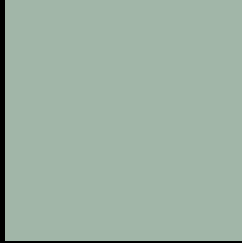
Large Text (above 18pt) WCAG AA × Fail

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 161, 177, 182 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

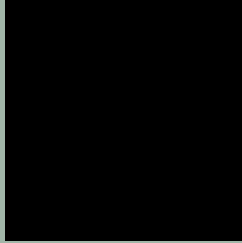
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

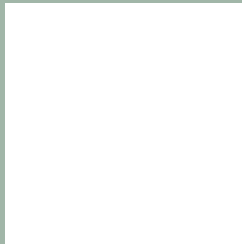
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 161, 177, 182 Background



This preview shows how black text looks on a background with the RYB color 161, 177, 182.

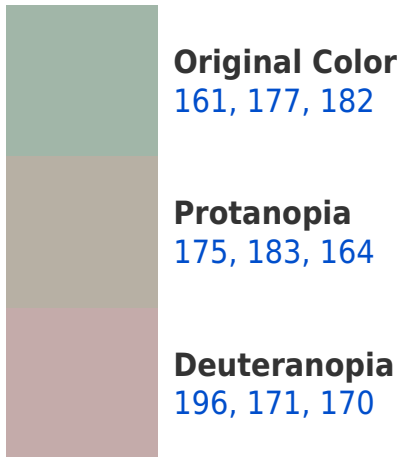


This preview shows how white text looks on a background with the RYB color 161, 177, 182.

# 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**  
165, 174, 192

# Trichromacy



**Original Color**

161, 177, 182

**Protanomaly**

165, 178, 168

**Deuteranomaly**

183, 180, 169

**Tritanomaly**

164, 172, 183

# Monochromacy



**Original Color**

161, 177, 182

**Achromatopsia**

174, 174, 174

**Achromatomaly**

169, 175, 177

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 161, 177, 182 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(161, 182, 168)` looks like.

```
.text, #text, p{  
    color:rgb(161, 182, 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(161, 182, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 182, 168) }
```

## Border

The CSS property to change the border of an element to RYB 161, 177, 182 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(161, 182, 168) }
```

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

```
.border{ border-color:rgb(161, 182, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 182, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 182, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 182, 168);  
box-shadow:4px 4px 4px 4px rgb(161, 182,  
168) }
```

# Background

The CSS property to change the background color of an element to RYB 161, 177, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 182, 168) }
```

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

```
.background{ background-color: rgb(161,  
182, 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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