

# Converting Colors

`RYB(175, 187, 198)`

Have a look what the booklet for RYB(175, 187, 198) contains.

<b>RYB(175, 187, 198)</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**

**R<sub>Y</sub>B(175, 187, 198)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFC6C4
RGB	175, 198, 196
RGB Percent	69%, 78%, 77%
CMY	0.3137, 0.2235, 0.2310
CMYK	0.12, 0.00, 0.01, 0.22
HSL	175°, 17%, 73%
HSV	175°, 12%, 78%
XYZ	47.8466, 53.4914, 60.0774
YIQ	190.8950, -13.0660, -5.4980

# Conversions

## Conversions Part 2

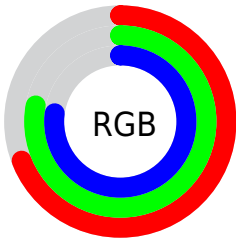
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 187, 198
Decimal	11519684
CIELab	78.16, -8.13, -1.69
CIElCh	78, 8.306, 191.717
Yxy	53.4914, 0.2964, 0.3314
Android (android.graphics.Color)	4289709764 (0xFFAFC6C4)
YUV	190.8950, 2.5168, -13.9399
Hunter-Lab	73.1378, -11.2170, 2.4941

# Details

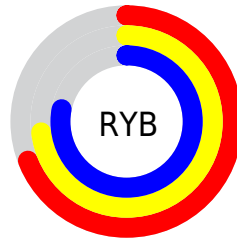
The RYB color **175, 187, 198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **198, 175, 177**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **231, 244, 255**, and **122, 134, 144** is the 20% darker color. If you saturate the color by 10%, you get **155, 178, 198**, and if you desaturate by 10%, it is **195, 197, 198**.

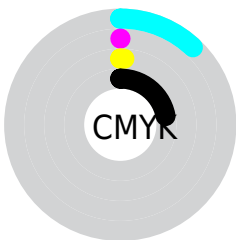
# Distribution



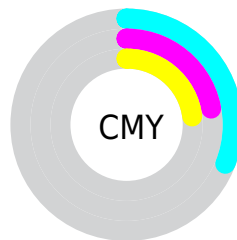
- Red (69%)
- Green (78%)
- Blue (77%)



- Red (69%)
- Yellow (73%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 175, 187, 198 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 175, 187, 198 by changing the saturation by 10% instead.




 175, 187, 198


255, 255, 255


 231, 244, 255

 175, 187, 198

 148, 160, 171

 122, 134, 144

 97, 109, 119

 73, 84, 94

 50, 60, 70

 29, 39, 48

 7, 17, 27

 0, 0, 0

 175, 187, 198

 175, 187, 198

■ 155, 178, 198

■ 195, 197, 198

■ 135, 168, 198

■ 215, 198, 199

■ 116, 159, 198

■ 234, 198, 201

■ 96, 149, 198

■ 254, 198, 203

■ 76, 140, 198

■ 255, 198, 204

■ 56, 130, 198

■ 255, 198, 206

■ 36, 120, 198

■ 255, 198, 208

■ 17, 111, 198

■ 255, 198, 209

■ 0, 103, 198

■ 255, 198, 211

# Harmonies

## Analogous

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



180, 192, 198



175, 187, 198



175, 187, 203

# Triad

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



175, 187, 198



199, 190, 205



204, 202, 179

# Complementary

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



175, 187, 198



198, 175, 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.



209, 191, 183



175, 187, 198



206, 189, 198

# Square

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



175, 187, 198



189, 192, 208



210, 188, 190



182, 197, 178

# Rectangle

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



175, 187, 198



178, 189, 207



210, 188, 190



207, 196, 180



# Sweetspot

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



175, 187, 198



247, 251, 255



175, 198, 196



122, 125, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



175, 187, 198



219, 238, 255



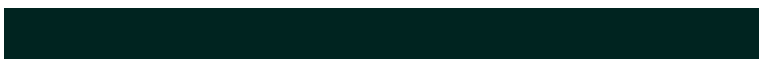
175, 183, 198



90, 95, 99



0, 85, 163



0, 19, 36



# Inverse Universe

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



198, 175, 177



255, 219, 222



198, 193, 175



99, 90, 90



163, 0, 14



36, 0, 3



# Previews

## White Background



This preview shows how the RYB color 175, 187, 198 looks on a white background.

## Color Contrast Check

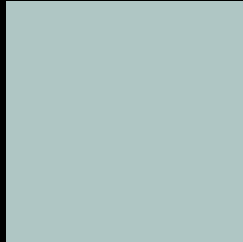
Large Text (above 18pt) WCAG AA × Fail

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 175, 187, 198 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

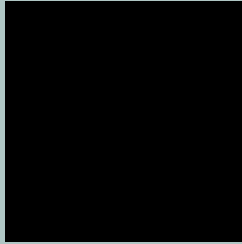
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RYB 175, 187, 198 Background



This preview shows how black text looks on a background with the RYB color 175, 187, 198.

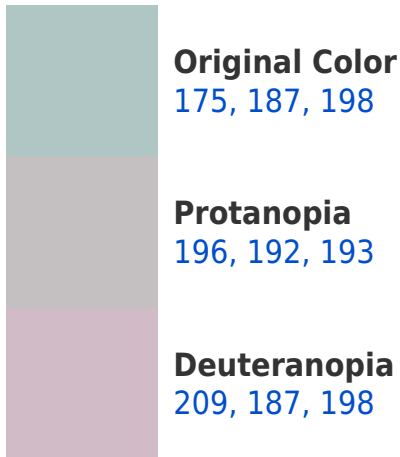


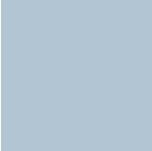
This preview shows how white text looks on a background with the RYB color 175, 187, 198.

# 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**  
178, 190, 211

# Trichromacy



**Original Color**

175, 187, 198

**Protanomaly**

188, 191, 194

**Deuteranomaly**

197, 191, 197

**Tritanomaly**

177, 189, 206

# Monochromacy



**Original Color**

175, 187, 198

**Achromatopsia**

191, 191, 191

**Achromatomaly**

185, 190, 194

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 175, 187, 198 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(175, 198, 196) looks like.

```
.text, #text, p{  
    color:rgb(175, 198, 196)  
}
```

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(175, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 198, 196) }
```

## Border

The CSS property to change the border of an element to RYB 175, 187, 198 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(175, 198, 196) }
```

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

```
.border{ border-color:rgb(175, 198, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 198, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(175, 198,  
196) }
```

# Background

The CSS property to change the background color of an element to RYB 175, 187, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 198, 196) }
```

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

```
.background{ background-color: rgb(175,  
198, 196) }
```

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