

# Converting Colors

`RYB(173, 190, 192)`

Have a look what the booklet for RYB(173, 190, 192) contains.

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# **Color**

**R<sub>Y</sub>B(173, 190, 192)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADC0AF
RGB	173, 192, 175
RGB Percent	68%, 75%, 69%
CMY	0.3216, 0.2471, 0.3128
CMYK	0.10, 0.00, 0.09, 0.25
HSL	127°, 13%, 72%
HSV	127°, 10%, 75%
XYZ	43.8442, 49.6879, 47.9586
YIQ	184.3810, -5.8670, -9.3150

# Conversions

## Conversions Part 2

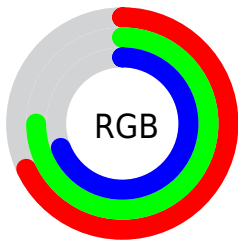
Format	Color
<b>RYB</b>	173, 190, 192
Decimal	11387055
CIELab	75.88, -9.69, 6.24
CIELCh	76, 11.525, 147.229
Yxy	49.6879, 0.3099, 0.3512
Android (android.graphics.Color)	4289577135 (0xFFADC0AF)
YUV	184.3810, -4.6248, -9.9811
Hunter-Lab	70.4897, -12.3308, 9.0040

# Details

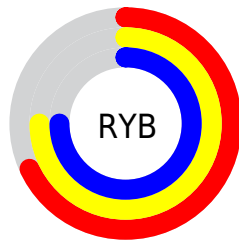
The RYB color **173, 190, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 173, 190**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **228, 245, 248**, and **121, 137, 139** is the 20% darker color. If you saturate the color by 10%, you get **154, 188, 192**, and if you desaturate by 10%, it is **192, 192, 192**.

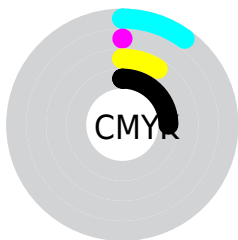
# Distribution



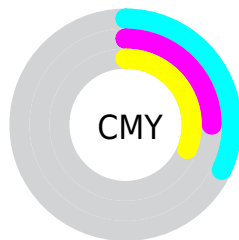
- Red (68%)
- Green (75%)
- Blue (69%)



- Red (68%)
- Yellow (75%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (32%)
- Magenta (25%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 173, 190, 192 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 173, 190, 192 by changing the saturation by 10% instead.




 173, 190, 192


255, 255, 255

 228, 245, 248

 173, 190, 192

 146, 162, 165

 121, 137, 139

 96, 111, 113

 72, 87, 89

 49, 62, 65


 28, 41, 43

 3, 20, 23

 0, 0, 0


 173, 190, 192


 173, 190, 192


 154, 188, 192


 192, 192, 192


 135, 187, 192


 211, 192, 209

 115, 184, 192


 231, 192, 226


 96, 182, 192


 250, 192, 243

 77, 180, 192

 255, 192, 255

 58, 178, 192

 39, 176, 192

 19, 173, 192

 0, 171, 192

# Harmonies

## Analogous

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



168, 189, 172



173, 190, 192



164, 180, 193

# Triad

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



173, 190, 192



175, 184, 208



210, 180, 178

# Complementary

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



173, 190, 192



192, 173, 190

# 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.



208, 180, 188



173, 190, 192



188, 185, 206

# Square

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



173, 190, 192



164, 180, 204



200, 182, 199



206, 190, 170

# Rectangle

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



173, 190, 192



161, 177, 193



200, 182, 199



210, 180, 181

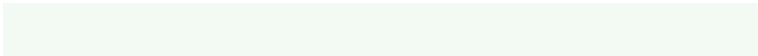


# Sweetspot

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



173, 190, 192



242, 249, 250



173, 192, 175



120, 124, 125



252, 252, 252



125, 125, 125

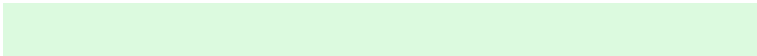


# Same Dimension

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



173, 190, 192



220, 247, 250



173, 185, 192



87, 96, 97



0, 144, 161



0, 29, 33



# Inverse Universe

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



192, 173, 190



250, 220, 246



192, 173, 180



97, 87, 96



161, 0, 142



33, 0, 29



# Previews

## White Background



This preview shows how the RYB color 173, 190, 192 looks on a white background.

## Color Contrast Check

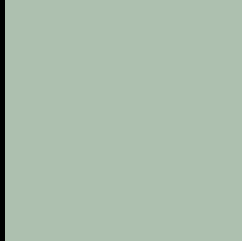
Large Text (above 18pt) WCAG AA × Fail

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 173, 190, 192 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

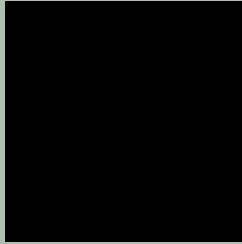
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 173, 190, 192 Background**



This preview shows how black text looks on a background with the RYB color 173, 190, 192.

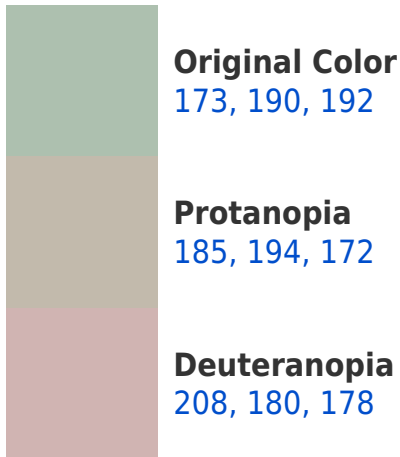


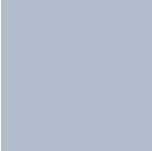
This preview shows how white text looks on a background with the RYB color 173, 190, 192.

# 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, 185, 203

# Trichromacy



**Original Color**

173, 190, 192

**Protanomaly**

173, 188, 175

**Deuteranomaly**

195, 188, 177

**Tritanomaly**

176, 183, 193

# Monochromacy



**Original Color**

173, 190, 192

**Achromatopsia**

184, 184, 184

**Achromatomaly**

180, 186, 187

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 173, 190, 192 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(173, 192, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 192, 175)  
}
```

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(173, 192, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 192, 175) }
```

## Border

The CSS property to change the border of an element to RYB 173, 190, 192 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(173, 192, 175) }
```

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

```
.border{ border-color:rgb(173, 192, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 192, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 192, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 192, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 192,  
175) }
```

# Background

The CSS property to change the background color of an element to RYB 173, 190, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 192, 175) }
```

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

```
.background{ background-color: rgb(173,  
192, 175) }
```

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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