

Converting Colors

`RYB(171, 185, 190)`

Have a look what the booklet for
RYB(171, 185, 190) contains.

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Color

R_YB(171, 185, 190)

Conversions

Conversions Part 1

Format	Color
Hex	ABBEB2
RGB	171, 190, 178
RGB Percent	67%, 75%, 70%
CMY	0.3294, 0.2549, 0.3028
CMYK	0.10, 0.00, 0.06, 0.25
HSL	141°, 13%, 71%
HSV	141°, 10%, 75%
XYZ	43.2224, 48.6906, 49.1269
YIQ	182.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

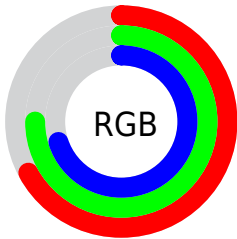
Format	Color
RYB	171, 185, 190
Decimal	11255474
CIELab	75.26, -8.86, 3.95
CIELCh	75, 9.697, 155.992
Yxy	48.6906, 0.3065, 0.3452
Android (android.graphics.Color)	4289445554 (0xFFABBE2)
YUV	182.9510, -2.4408, -10.4810
Hunter-Lab	69.7786, -11.5458, 7.1025

Details

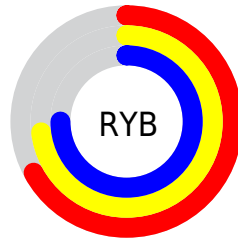
The RYB color **171, 185, 190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 171, 183**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **226, 240, 246**, and **119, 133, 137** is the 20% darker color. If you saturate the color by 10%, you get **152, 180, 190**, and if you desaturate by 10%, it is **190, 190, 190**.

Distribution



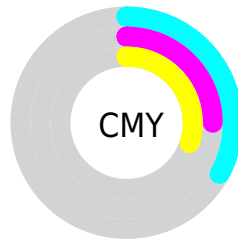
- Red (67%)
- Green (75%)
- Blue (70%)



- Red (67%)
- Yellow (73%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (33%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 185, 190 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 171, 185, 190 by changing the saturation by 10% instead.

■ 171, 185, 190

255, 255, 255

■ 226, 241, 246

■ 171, 185, 190

■ 144, 158, 163

■ 119, 133, 137

■ 94, 107, 111

■ 70, 83, 87

■ 48, 60, 64


■ 26, 38, 42


■ 1, 16, 22


■ 0, 0, 0

■ 171, 185, 190


■ 171, 185, 190

 152, 180, 190


 190, 190, 190

 133, 175, 190


 209, 190, 202

 114, 170, 190


 228, 190, 214

 95, 165, 190


 247, 190, 227

 76, 160, 190


 255, 190, 239

 57, 155, 190

 255, 190, 251

 38, 150, 190

 255, 190, 255

 19, 145, 190

 0, 140, 190

Harmonies

Analogous

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



171, 188, 178



171, 185, 190



165, 179, 191

Triad

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



171, 185, 190



178, 183, 203



204, 181, 175

Complementary

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



171, 185, 190



190, 171, 183

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.



204, 179, 184



171, 185, 190



189, 182, 200

Square

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



171, 185, 190



169, 181, 201



199, 180, 193



200, 191, 169

Rectangle

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



171, 185, 190



163, 177, 193



199, 180, 193



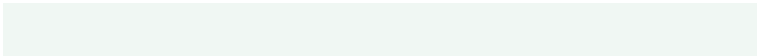
205, 180, 178

Sweetspot

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



171, 185, 190



240, 245, 247



171, 190, 178



120, 124, 125



252, 252, 252



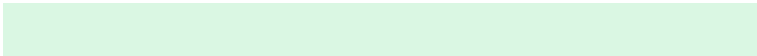
125, 125, 125

Same Dimension

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



171, 185, 190



218, 240, 247



171, 181, 190



85, 92, 94



0, 117, 158



0, 23, 31

Inverse Universe

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



190, 171, 183



247, 218, 237



190, 171, 174



94, 85, 91



158, 0, 102



31, 0, 20

Previews

White Background



This preview shows how the RYB color 171, 185, 190 looks on a white background.

Color Contrast Check

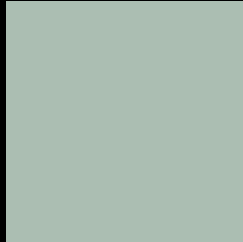
Large Text (above 18pt) WCAG AA × Fail

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 171, 185, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

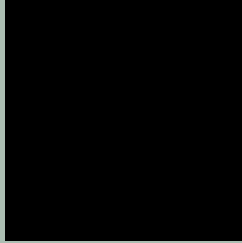
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

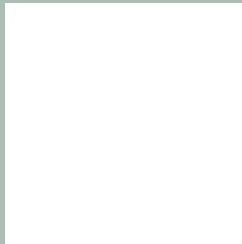
Any Text WCAG AAA ✓ Pass

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

RYB 171, 185, 190 Background



This preview shows how black text looks on a background with the RYB color 171, 185, 190.

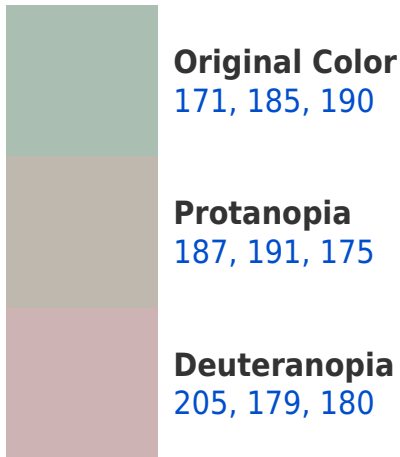


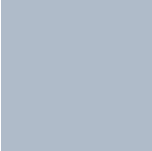
This preview shows how white text looks on a background with the RYB color 171, 185, 190.

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](#).

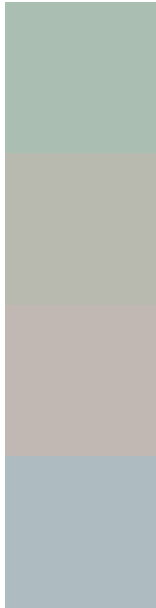
Dichromacy





Tritanopia
175, 183, 201

Trichromacy



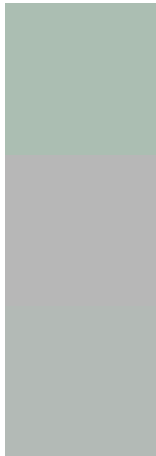
Original Color
171, 185, 190

Protanomaly
176, 186, 178

Deuteranomaly
193, 185, 179

Tritanomaly
174, 182, 193

Monochromacy



Original Color
171, 185, 190

Achromatopsia
183, 183, 183

Achromatomaly
179, 184, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 185, 190 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(171, 190, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 190, 178)  
}
```

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(171, 190, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 190, 178) }
```

Border

The CSS property to change the border of an element to RYB 171, 185, 190 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(171, 190, 178) }
```

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

```
.border{ border-color:rgb(171, 190, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 190, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 190, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 190, 178);  
box-shadow:4px 4px 4px 4px rgb(171, 190,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 171, 185, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 190, 178) }
```

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

```
.background{ background-color: rgb(171,  
190, 178) }
```

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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