

Converting Colors

`RYB(173, 197, 190)`

Have a look what the booklet for
RYB(173, 197, 190) contains.

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Color

R_YB(173, 197, 190)

Conversions

Conversions Part 1

Format	Color
Hex	B4C5AD
RGB	180, 197, 173
RGB Percent	71%, 77%, 68%
CMY	0.2941, 0.2275, 0.3216
CMYK	0.09, 0.00, 0.12, 0.23
HSL	102°, 17%, 73%
HSV	102°, 12%, 77%
XYZ	46.3315, 52.6529, 47.2563
YIQ	189.1810, -2.4280, -11.0680

Conversions

Conversions Part 2

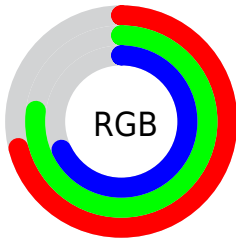
Format	Color
RYB	173, 197, 190
Decimal	11847085
CIELab	77.67, -10.24, 10.07
CIELCh	78, 14.368, 135.478
Yxy	52.6529, 0.3168, 0.3600
Android (android.graphics.Color)	4290037165 (0xFFB4C5AD)
YUV	189.1810, -7.9772, -8.0517
Hunter-Lab	72.5623, -13.0108, 12.1810

Details

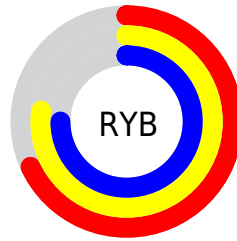
The RYB color **173, 197, 190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **190, 173, 197**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **228, 254, 246**, and **121, 143, 137** is the 20% darker color. If you saturate the color by 10%, you get **153, 197, 184**, and if you desaturate by 10%, it is **193, 197, 196**.

Distribution



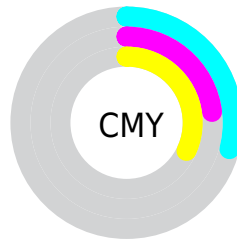
- Red (71%)
- Green (77%)
- Blue (68%)



- Red (68%)
- Yellow (77%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)



- Cyan (29%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 197, 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 173, 197, 190 by changing the saturation by 10% instead.

 173, 197, 190


255, 255, 255

 228, 254, 246

 173, 197, 190

 146, 170, 163

 121, 143, 137

 96, 118, 112

 72, 93, 87

 50, 69, 64

 28, 47, 42

 3, 26, 16

 0, 0, 0

 173, 197, 190

 173, 197, 190

■ 153, 197, 184

■ 193, 197, 196

■ 134, 197, 179

■ 208, 197, 212

■ 114, 197, 173

■ 222, 197, 232

■ 94, 197, 167

■ 236, 197, 252

■ 75, 197, 162

■ 250, 197, 255

■ 55, 197, 156

■ 255, 197, 255

■ 35, 197, 150

■ 15, 197, 144

■ 0, 197, 140

Harmonies

Analogous

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



168, 195, 166



173, 197, 190



166, 187, 199

Triad

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



173, 197, 190



170, 186, 217



220, 183, 185

Complementary

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



173, 197, 190



190, 173, 197

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.



215, 183, 199



173, 197, 190



186, 190, 217

Square

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



173, 197, 190



160, 182, 210



203, 186, 211



218, 189, 173

Rectangle

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



173, 197, 190



160, 182, 200



203, 186, 211



220, 183, 190

Sweetspot

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



173, 197, 190



245, 255, 252



183, 197, 173



121, 128, 126



0, 0, 0



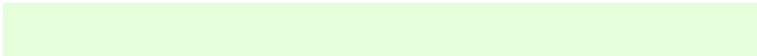
128, 128, 128

Same Dimension

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



173, 197, 190



217, 255, 244



173, 193, 197



90, 99, 97



0, 163, 115



0, 36, 26

Inverse Universe

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



190, 173, 197



244, 217, 255



197, 173, 192



97, 90, 99



116, 0, 163



25, 0, 36

Previews

White Background



This preview shows how the RYB color 173, 197, 190 looks on a white background.

Color Contrast Check

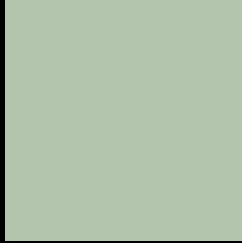
Large Text (above 18pt) WCAG AA × Fail

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 173, 197, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

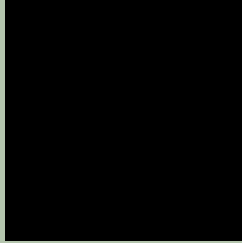
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

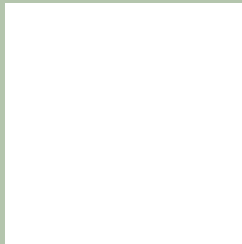
Any Text WCAG AAA ✓ Pass

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

R/Y/B 173, 197, 190 Background



This preview shows how black text looks on a background with the R/Y/B color 173, 197, 190.

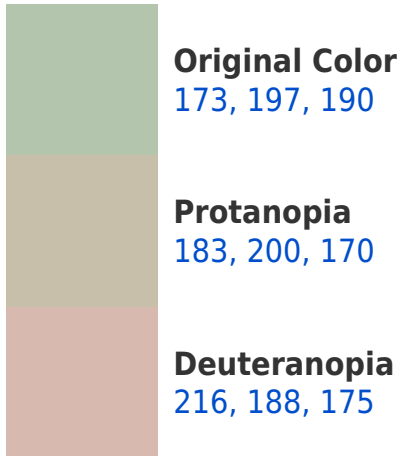


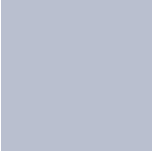
This preview shows how white text looks on a background with the R/Y/B color 173, 197, 190.

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](#).

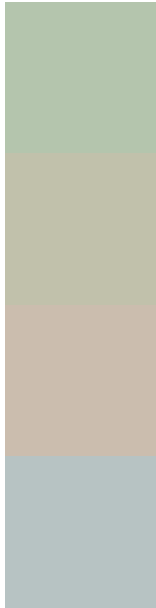
Dichromacy





Tritanopia
185, 190, 207

Trichromacy



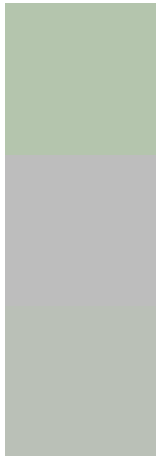
Original Color
173, 197, 190

Protanomaly
171, 193, 171

Deuteranomaly
201, 203, 174

Tritanomaly
183, 189, 195

Monochromacy



Original Color
173, 197, 190

Achromatopsia
189, 189, 189

Achromatomaly
183, 192, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 197, 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(180, 197, 173) looks like.

```
.text, #text, p{  
    color:rgb(180, 197, 173)  
}
```

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(180, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 197, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 197, 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(180, 197, 173) }
```

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

```
.border{ border-color:rgb(180, 197, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 197, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 197, 173);  
box-shadow:4px 4px 4px 4px rgb(180, 197,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 197, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 197, 173) }
```

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

```
.background{ background-color: rgb(180,  
197, 173) }
```

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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