

Converting Colors

`RYB(175, 209, 190)`

Have a look what the booklet for
RYB(175, 209, 190) contains.

RYB(175, 209, 190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(175, 209, 190)

Conversions

Conversions Part 1

Format	Color
Hex	C2D1AF
RGB	194, 209, 175
RGB Percent	76%, 82%, 69%
CMY	0.2392, 0.1804, 0.3137
CMYK	0.07, 0.00, 0.16, 0.18
HSL	86°, 27%, 75%
HSV	86°, 16%, 82%
XYZ	52.7865, 60.1654, 49.3884
YIQ	200.6390, 1.9740, -13.7540

Conversions

Conversions Part 2

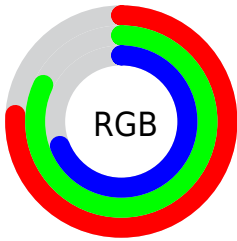
Format	Color
RYB	175, 209, 190
Decimal	12767663
CIELab	81.93, -11.11, 15.17
CIELCh	82, 18.808, 126.221
Yxy	60.1654, 0.3252, 0.3706
Android (android.graphics.Color)	4290957743 (0xFFC2D1AF)
YUV	200.6390, -12.6400, -5.8224
Hunter-Lab	77.5664, -14.2660, 16.5451

Details

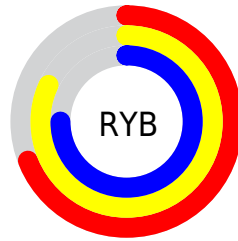
The RYB color **175, 209, 190** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **190, 175, 209**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **231, 255, 235**, and **122, 155, 137** is the 20% darker color. If you saturate the color by 10%, you get **154, 209, 178**, and if you desaturate by 10%, it is **196, 209, 202**.

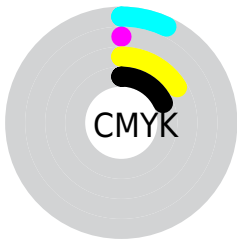
Distribution



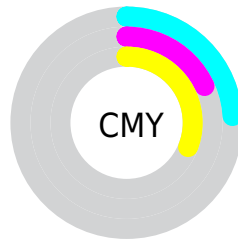
- Red (76%)
- Green (82%)
- Blue (69%)



- Red (69%)
- Yellow (82%)
- Blue (75%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 209, 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 175, 209, 190 by changing the saturation by 10% instead.

 175, 209, 190


255, 255, 255

 231, 255, 235


 175, 209, 190

 148, 181, 162

 122, 155, 137


 98, 129, 112

 74, 103, 87

 51, 79, 64

 29, 56, 41

 6, 35, 18

 0, 13, 13

 0, 0, 0

 175, 209, 190

 175, 209, 190

 154, 209, 178

 196, 209, 202

 133, 209, 166

 212, 209, 217

 112, 209, 155

 222, 209, 238

 91, 209, 143

 231, 209, 255

 71, 209, 132

 240, 209, 255

 50, 209, 120

 249, 209, 255

 29, 209, 109

 255, 209, 255

 8, 209, 97

 0, 209, 92

Harmonies

Analogous

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



182, 214, 169



175, 209, 190



175, 203, 213

Triad

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



175, 209, 190



168, 193, 235



240, 191, 201

Complementary

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



175, 209, 190



190, 175, 209

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.



230, 193, 218



175, 209, 190



189, 200, 238

Square

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



175, 209, 190



158, 188, 224



212, 198, 232



240, 195, 184

Rectangle

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



175, 209, 190



164, 193, 214



212, 198, 232



238, 192, 207

Sweetspot

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



175, 209, 190



242, 255, 248



209, 202, 175



120, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



175, 209, 190



204, 255, 226



175, 209, 207



94, 105, 99



0, 168, 74



0, 41, 18

Inverse Universe

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



190, 175, 209



227, 204, 255



207, 175, 209



99, 94, 105



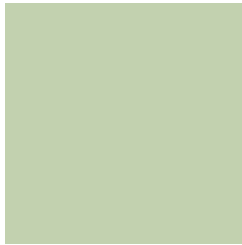
74, 0, 168



18, 0, 41

Previews

White Background



This preview shows how the RYB color 175, 209, 190 looks on a white background.

Color Contrast Check

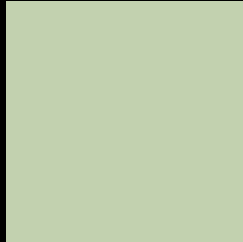
Large Text (above 18pt) WCAG AA × Fail

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 175, 209, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

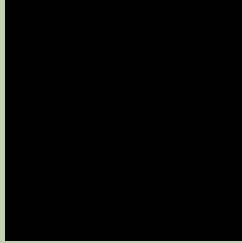
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

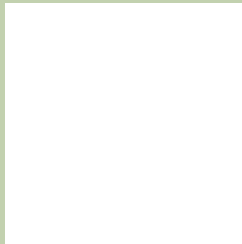
Any Text WCAG AAA ✓ Pass

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

RYB 175, 209, 190 Background



This preview shows how black text looks on a background with the RYB color 175, 209, 190.

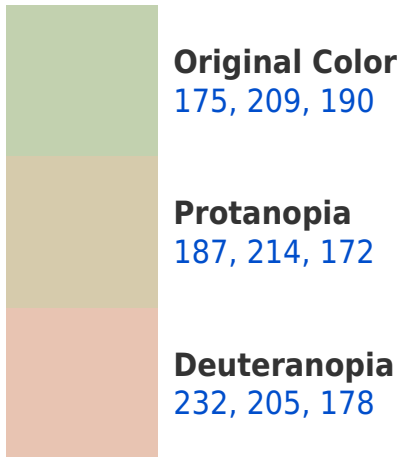


This preview shows how white text looks on a background with the RYB color 175, 209, 190.

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](#).

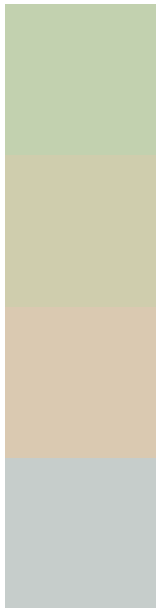
Dichromacy





Tritanopia
201, 203, 219

Trichromacy



Original Color

175, 209, 190

Protanomaly

175, 207, 173

Deuteranomaly

206, 218, 177

Tritanomaly

198, 202, 205

Monochromacy



Original Color

175, 209, 190

Achromatopsia

201, 201, 201

Achromatomaly

192, 204, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 209, 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(194, 209, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 209, 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(194, 209, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 209, 175) }
```

Border

The CSS property to change the border of an element to RYB 175, 209, 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(194, 209, 175) }
```

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

```
.border{ border-color:rgb(194, 209, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 209, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 209, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 209, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 209,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 175, 209, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 209, 175) }
```

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

```
.background{ background-color: rgb(194,  
209, 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](#).

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