

Converting Colors

`RYB(176, 209, 190)`

Have a look what the booklet for
RYB(176, 209, 190) contains.

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Color

R_YB(176, 209, 190)

Conversions

Conversions Part 1

Format	Color
Hex	C3D1B0
RGB	195, 209, 176
RGB Percent	76%, 82%, 69%
CMY	0.2353, 0.1804, 0.3098
CMYK	0.07, 0.00, 0.16, 0.18
HSL	85°, 26%, 75%
HSV	85°, 16%, 82%
XYZ	53.1426, 60.3376, 49.9197
YIQ	201.0520, 2.2490, -13.2310

Conversions

Conversions Part 2

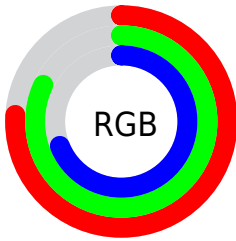
Format	Color
RYB	176, 209, 190
Decimal	12833200
CIELab	82.02, -10.59, 14.78
CIElCh	82, 18.188, 125.622
Yxy	60.3376, 0.3252, 0.3693
Android (android.graphics.Color)	4291023280 (0xFFC3D1B0)
YUV	201.0520, -12.3506, -5.3076
Hunter-Lab	77.6773, -13.8152, 16.2711

Details

The RYB color **176, 209, 190** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **190, 176, 209**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **232, 255, 235**, and **123, 155, 137** is the 20% darker color. If you saturate the color by 10%, you get **155, 209, 178**, and if you desaturate by 10%, it is **197, 209, 202**.

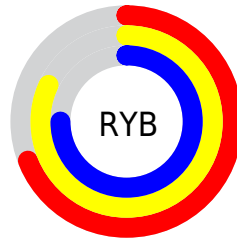
Distribution



Red (76%)

Green (82%)

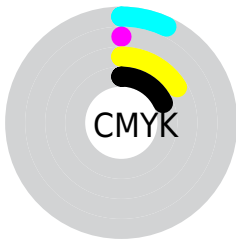
Blue (69%)



Red (69%)

Yellow (82%)

Blue (75%)

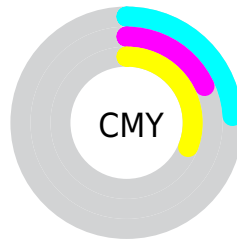


Cyan (7%)

Magenta (0%)

Yellow (16%)

Black (18%)



Cyan (24%)

Magenta (18%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 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 176, 209, 190 by changing the saturation by 10% instead.

 176, 209, 190


255, 255, 255


 232, 255, 235

 176, 209, 190


 149, 181, 162

 123, 155, 137


 98, 129, 111

 75, 103, 87

 52, 79, 64

 30, 57, 42

 7, 35, 18

 0, 13, 13

 0, 0, 0

■ 176, 209, 190

■ 176, 209, 190

■ 155, 209, 178

■ 197, 209, 202

■ 134, 209, 166

■ 213, 209, 218

■ 113, 209, 154

■ 222, 209, 239

■ 92, 209, 141

■ 230, 209, 255

■ 72, 209, 130

■ 239, 209, 255

■ 51, 209, 118

■ 248, 209, 255

■ 30, 209, 106

■ 255, 209, 255

■ 9, 209, 94

■ 0, 209, 89

Harmonies

Analogous

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



183, 214, 170



176, 209, 190



176, 203, 213

Triad

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



176, 209, 190



170, 195, 234



239, 192, 201

Complementary

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



176, 209, 190



190, 176, 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.



229, 194, 218



176, 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.



176, 209, 190



160, 189, 223



211, 199, 232



239, 196, 185

Rectangle

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



176, 209, 190



166, 194, 214



211, 199, 232



237, 192, 207

Sweetspot

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



176, 209, 190



242, 255, 247



209, 200, 176



120, 128, 124



0, 0, 0



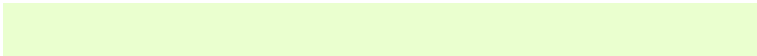
128, 128, 128

Same Dimension

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



176, 209, 190



207, 255, 228



176, 209, 206



94, 105, 99



0, 168, 71



0, 41, 18

Inverse Universe

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



190, 176, 209



227, 207, 255



206, 176, 209



99, 94, 105



71, 0, 168



17, 0, 41

Previews

White Background



This preview shows how the RYB color 176, 209, 190 looks on a white background.

Color Contrast Check

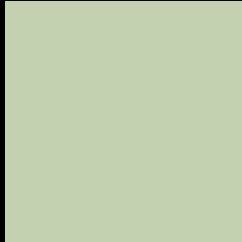
Large Text (above 18pt) WCAG AA × Fail

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 176, 209, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

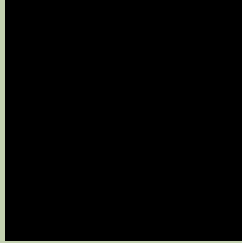
Any Text WCAG AA ✓ Pass

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 176, 209, 190 Background



This preview shows how black text looks on a background with the RYB color 176, 209, 190.

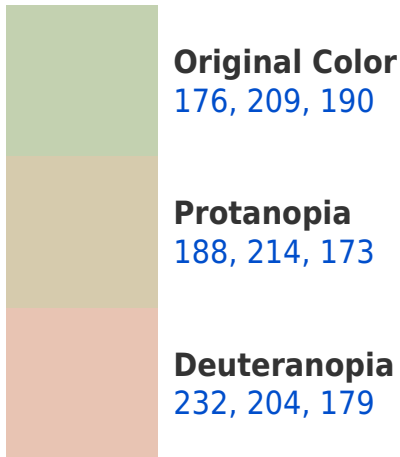


This preview shows how white text looks on a background with the RYB color 176, 209, 190.

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](#).

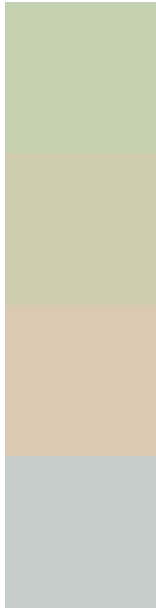
Dichromacy





Tritanopia
201, 203, 219

Trichromacy



Original Color

176, 209, 190

Protanomaly

176, 207, 174

Deuteranomaly

210, 219, 178

Tritanomaly

199, 203, 205

Monochromacy



Original Color

176, 209, 190

Achromatopsia

201, 201, 201

Achromatomaly

192, 204, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 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(195, 209, 176) looks like.

```
.text, #text, p{  
    color:rgb(195, 209, 176)  
}
```

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(195, 209, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 209, 176) }
```

Border

The CSS property to change the border of an element to RYB 176, 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(195, 209, 176) }
```

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

```
.border{ border-color:rgb(195, 209, 176) }
```

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

Here you see how a box with a 4 pixel rgb(195, 209, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 209, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 209, 176);  
box-shadow:4px 4px 4px 4px rgb(195, 209,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 176, 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(195, 209, 176) }
```

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

```
.background{ background-color: rgb(195,  
209, 176) }
```

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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