

Converting Colors

`RYB(175, 201, 196)`

Have a look what the booklet for
RYB(175, 201, 196) contains.

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Color

R_YB(175, 201, 196)

Conversions

Conversions Part 1

Format	Color
Hex	B4C9AF
RGB	180, 201, 175
RGB Percent	71%, 79%, 69%
CMY	0.2941, 0.2118, 0.3137
CMYK	0.10, 0.00, 0.13, 0.21
HSL	108°, 19%, 74%
HSV	108°, 13%, 79%
XYZ	47.4469, 54.5717, 48.5901
YIQ	191.7570, -4.1700, -12.5380

Conversions

Conversions Part 2

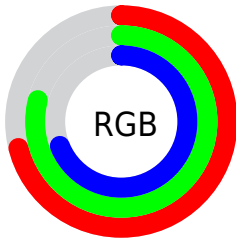
Format	Color
RYB	175, 201, 196
Decimal	11848111
CIELab	78.79, -11.96, 10.60
CIELCh	79, 15.981, 138.440
Yxy	54.5717, 0.3150, 0.3623
Android (android.graphics.Color)	4290038191 (0xFFB4C9AF)
YUV	191.7570, -8.2612, -10.3109
Hunter-Lab	73.8727, -14.6303, 12.7126

Details

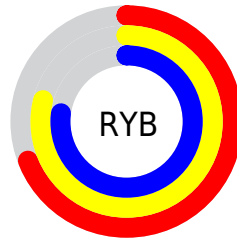
The RYB color **175, 201, 196** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **196, 175, 201**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **231, 255, 250**, and **123, 147, 143** is the 20% darker color. If you saturate the color by 10%, you get **155, 201, 192**, and if you desaturate by 10%, it is **195, 201, 200**.

Distribution



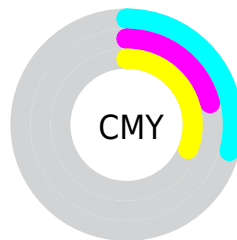
- Red (71%)
- Green (79%)
- Blue (69%)



- Red (69%)
- Yellow (79%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (21%)



- Cyan (29%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 201, 196 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, 201, 196 by changing the saturation by 10% instead.

■ 175, 201, 196

255, 255, 255

■ 231, 255, 250

■ 175, 201, 196

■ 148, 174, 169

■ 123, 147, 143

■ 98, 121, 117

■ 74, 96, 92

■ 51, 73, 69

■ 30, 50, 47

■ 6, 29, 22

■ 0, 0, 0

■ 175, 201, 196

■ 175, 201, 196

 155, 201, 192

 195, 201, 200

 135, 201, 188

 212, 201, 215

 115, 201, 185

 229, 201, 235

 95, 201, 181

 245, 201, 255

 75, 201, 177

 255, 201, 255

 54, 201, 172

 34, 201, 169

 14, 201, 165

 0, 201, 162

Harmonies

Analogous

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



167, 197, 167



175, 201, 196



165, 188, 203

Triad

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



175, 201, 196



172, 189, 224



227, 185, 186

Complementary

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



175, 201, 196



196, 175, 201

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.



222, 185, 201



175, 201, 196



191, 193, 223

Square

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



175, 201, 196



159, 184, 217



209, 188, 215



223, 194, 173

Rectangle

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



175, 201, 196



159, 183, 204



209, 188, 215



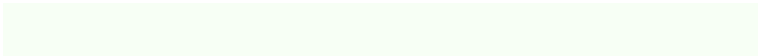
226, 185, 191

Sweetspot

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



175, 201, 196



245, 255, 253



181, 201, 175



121, 128, 127



0, 0, 0



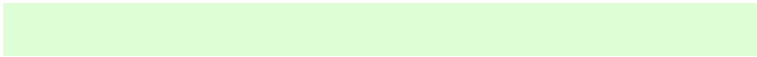
128, 128, 128

Same Dimension

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



175, 201, 196



214, 255, 247



175, 195, 201



90, 99, 98



0, 163, 132



0, 36, 29

Inverse Universe

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



196, 175, 201



247, 214, 255



201, 175, 193



98, 90, 99



132, 0, 163



29, 0, 36

Previews

White Background



This preview shows how the RYB color 175, 201, 196 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, 201, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

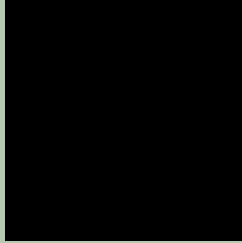
Any Text WCAG AA ✓ Pass

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, 201, 196 Background



This preview shows how black text looks on a background with the RYB color 175, 201, 196.

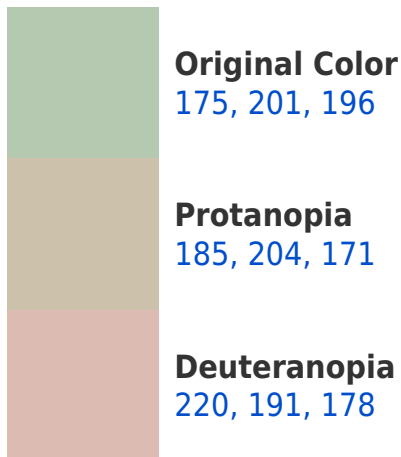


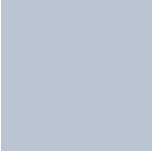
This preview shows how white text looks on a background with the RYB color 175, 201, 196.

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](#).

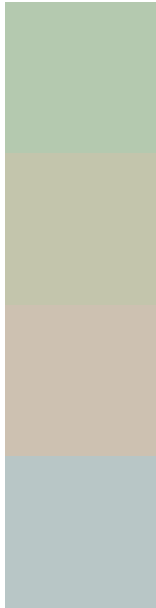
Dichromacy





Tritanopia
186, 193, 211

Trichromacy



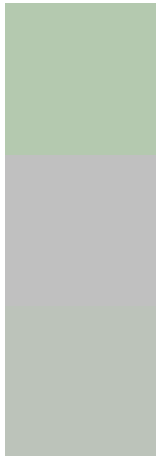
Original Color
175, 201, 196

Protanomaly
172, 197, 174

Deuteranomaly
198, 205, 177

Tritanomaly
184, 191, 198

Monochromacy



Original Color
175, 201, 196

Achromatopsia
192, 192, 192

Achromatomaly
186, 195, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 201, 196 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, 201, 175)` looks like.

```
.text, #text, p{  
    color:rgb(180, 201, 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(180, 201, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 201, 175) }
```

Border

The CSS property to change the border of an element to RYB 175, 201, 196 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, 201, 175) }
```

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

```
.border{ border-color:rgb(180, 201, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 201, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 201, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 201, 175);  
box-shadow:4px 4px 4px 4px rgb(180, 201,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 175, 201, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 201, 175) }
```

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

```
.background{ background-color: rgb(180,  
201, 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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