

Converting Colors

`RYB(175, 197, 194)`

Have a look what the booklet for
RYB(175, 197, 194) contains.

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Color

R_YB(175, 197, 194)

Conversions

Conversions Part 1

Format	Color
Hex	B2C5AF
RGB	178, 197, 175
RGB Percent	70%, 77%, 69%
CMY	0.3020, 0.2275, 0.3137
CMYK	0.10, 0.00, 0.11, 0.23
HSL	112°, 16%, 73%
HSV	112°, 11%, 77%
XYZ	46.0642, 52.4926, 48.2617
YIQ	188.8110, -4.2620, -10.8700

Conversions

Conversions Part 2

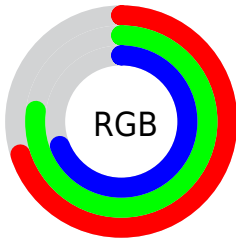
Format	Color
RYB	175, 197, 194
Decimal	11716015
CIELab	77.57, -10.59, 8.84
CIELCh	78, 13.799, 140.139
Yxy	52.4926, 0.3137, 0.3575
Android (android.graphics.Color)	4289906095 (0xFFB2C5AF)
YUV	188.8110, -6.8088, -9.4812
Hunter-Lab	72.4518, -13.3019, 11.2219

Details

The RYB color **175, 197, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 175, 197**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **231, 254, 251**, and **123, 143, 141** is the 20% darker color. If you saturate the color by 10%, you get **155, 197, 191**, and if you desaturate by 10%, it is **195, 197, 197**.

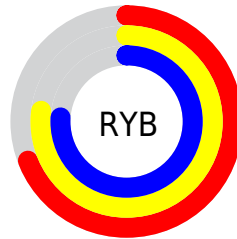
Distribution



Red (70%)

Green (77%)

Blue (69%)



Red (69%)

Yellow (77%)

Blue (76%)

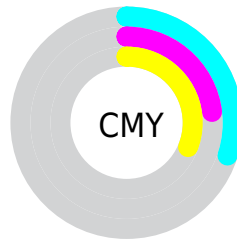


Cyan (10%)

Magenta (0%)

Yellow (11%)

Black (23%)



Cyan (30%)

Magenta (23%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 197, 194 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, 197, 194 by changing the saturation by 10% instead.

 175, 197, 194


255, 255, 255

 231, 254, 251


 175, 197, 194


 148, 170, 167

 123, 143, 141

 98, 118, 116

 74, 93, 91

 51, 69, 67

 30, 47, 45

 6, 26, 22


 0, 0, 0

 175, 197, 194


 175, 197, 194

 155, 197, 191


 195, 197, 197


 136, 197, 189


 212, 197, 214

 116, 197, 186


 229, 197, 234


 96, 197, 183


 246, 197, 254

 77, 197, 181

 255, 197, 255

 57, 197, 178

 37, 197, 175

 17, 197, 172

 0, 197, 170

Harmonies

Analogous

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



168, 194, 169



175, 197, 194



166, 186, 199

Triad

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



175, 197, 194



173, 187, 217



219, 183, 183

Complementary

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



175, 197, 194



194, 175, 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, 196



175, 197, 194



189, 190, 216

Square

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



175, 197, 194



162, 182, 211



204, 186, 208



216, 192, 173

Rectangle

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



175, 197, 194



160, 180, 199



204, 186, 208



219, 183, 188

Sweetspot

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



175, 197, 194



247, 255, 254



178, 197, 175



122, 128, 127



0, 0, 0



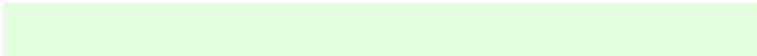
128, 128, 128

Same Dimension

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



175, 197, 194



222, 255, 251



175, 191, 197



90, 99, 98



0, 163, 141



0, 36, 31

Inverse Universe

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



194, 175, 197



250, 222, 255



197, 175, 189



98, 90, 99



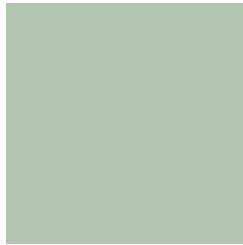
141, 0, 163



31, 0, 36

Previews

White Background



This preview shows how the RYB color 175, 197, 194 looks on a white background.

Color Contrast Check

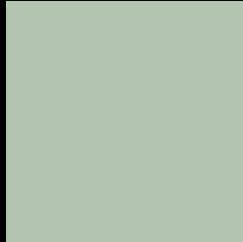
Large Text (above 18pt) WCAG AA × Fail

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, 197, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

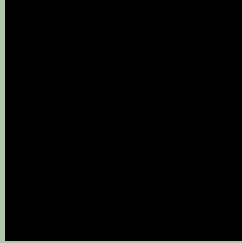
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

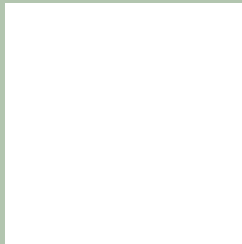
Any Text WCAG AAA ✓ Pass

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

RYB 175, 197, 194 Background



This preview shows how black text looks on a background with the RYB color 175, 197, 194.

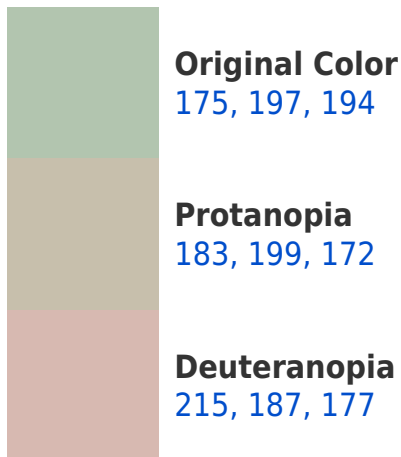


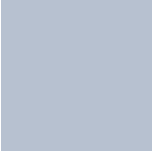
This preview shows how white text looks on a background with the RYB color 175, 197, 194.

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](#).

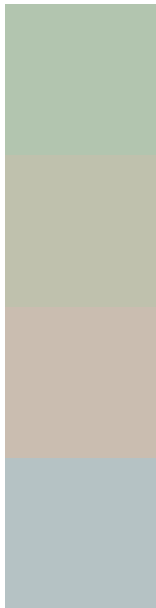
Dichromacy





Tritanopia
183, 190, 208

Trichromacy



Original Color

175, 197, 194

Protanomaly

173, 193, 175

Deuteranomaly

202, 202, 176

Tritanomaly

181, 188, 196

Monochromacy



Original Color

175, 197, 194

Achromatopsia

189, 189, 189

Achromatomaly

184, 192, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 197, 194 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(178, 197, 175) looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 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(178, 197, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 175) }
```

Border

The CSS property to change the border of an element to RYB 175, 197, 194 is called "border". The border property can be set on classes, ids or directly on the HTML element.

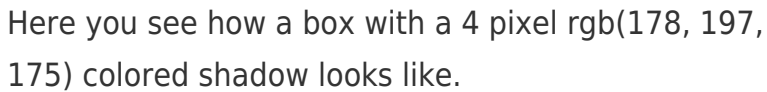
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 197, 175) }
```

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

```
.border{ border-color:rgb(178, 197, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 197, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 197, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 197, 175); box-shadow:4px 4px 4px 4px rgb(178, 197, 175) }
```

Background

The CSS property to change the background color of an element to RYB 175, 197, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 197, 175) }
```

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

```
.background{ background-color: rgb(178,  
197, 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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