

Converting Colors

`RYB(168, 191, 175)`

Have a look what the booklet for
RYB(168, 191, 175) contains.

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Color

$\text{RYB}(168, 191, 175)$

Conversions

Conversions Part 1

Format	Color
Hex	B8BFA8
RGB	184, 191, 168
RGB Percent	72%, 75%, 66%
CMY	0.2784, 0.2510, 0.3412
CMYK	0.04, 0.00, 0.12, 0.25
HSL	78°, 15%, 70%
HSV	78°, 12%, 75%
XYZ	45.4658, 50.2791, 44.3543
YIQ	186.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

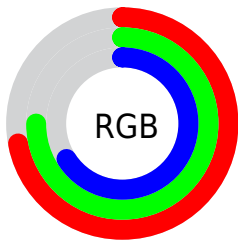
Format	Color
RYB	168, 191, 175
Decimal	12107688
CIELab	76.24, -6.55, 10.78
CIELCh	76, 12.610, 121.291
Yxy	50.2791, 0.3245, 0.3589
Android (android.graphics.Color)	4290297768 (0xFFB8BFA8)
YUV	186.2850, -9.0145, -2.0039
Hunter-Lab	70.9078, -9.6349, 12.5483

Details

The RYB color **168, 191, 175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **175, 168, 191**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **223, 247, 230**, and **116, 138, 123** is the 20% darker color. If you saturate the color by 10%, you get **149, 191, 162**, and if you desaturate by 10%, it is **187, 191, 188**.

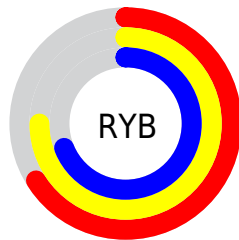
Distribution



Red (72%)

Green (75%)

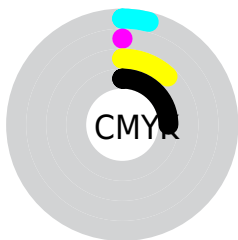
Blue (66%)



Red (66%)

Yellow (75%)

Blue (69%)

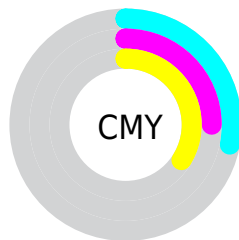


Cyan (4%)

Magenta (0%)

Yellow (12%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 191, 175 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 168, 191, 175 by changing the saturation by 10% instead.


 168, 191, 175

255, 255, 255


 223, 247, 230

252, 255, 252

 168, 191, 175

 142, 164, 149

 116, 138, 123

 91, 112, 97

 68, 88, 75

 46, 65, 53

 25, 43, 31

 0, 22, 5

 0, 0, 0

 168, 191, 175

 168, 191, 175

■ 149, 191, 162

■ 187, 191, 188

■ 130, 191, 149

■ 196, 191, 206

■ 111, 191, 135

■ 201, 191, 225

■ 92, 191, 122

■ 207, 191, 244

■ 73, 191, 109

■ 213, 191, 255

■ 53, 191, 95

■ 219, 191, 255

■ 34, 191, 82

■ 225, 191, 255

■ 15, 191, 69

■ 231, 191, 255

■ 0, 191, 58

■ 236, 191, 255

Harmonies

Analogous

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



180, 197, 165



168, 191, 175



171, 189, 194

Triad

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



168, 191, 175



164, 181, 208



212, 180, 188

Complementary

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



168, 191, 175



175, 168, 191

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.



204, 182, 199



168, 191, 175



176, 185, 211

Square

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



168, 191, 175



159, 178, 200



191, 185, 208



213, 182, 176

Rectangle

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



168, 191, 175



164, 183, 195



191, 185, 208



210, 180, 192

Sweetspot

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



168, 191, 175



237, 247, 240



191, 178, 168



119, 125, 121



252, 252, 252



125, 125, 125

Same Dimension

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



168, 191, 175



213, 247, 223



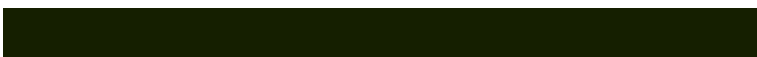
168, 191, 186



85, 94, 88



0, 158, 48



0, 31, 10

Inverse Universe

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



175, 168, 191



223, 213, 247



186, 168, 191



88, 85, 94



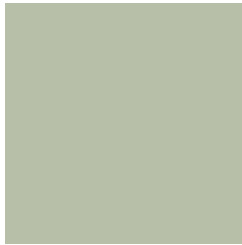
48, 0, 158



9, 0, 31

Previews

White Background



This preview shows how the RYB color 168, 191, 175 looks on a white background.

Color Contrast Check

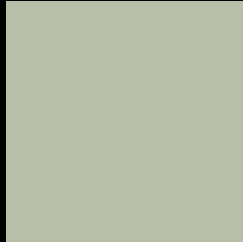
Large Text (above 18pt) WCAG AA × Fail

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 168, 191, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

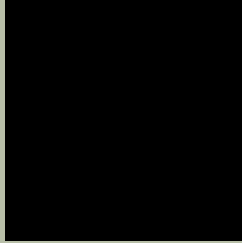
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

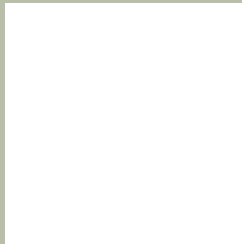
Any Text WCAG AAA ✓ Pass

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

RYB 168, 191, 175 Background



This preview shows how black text looks on a background with the RYB color 168, 191, 175.

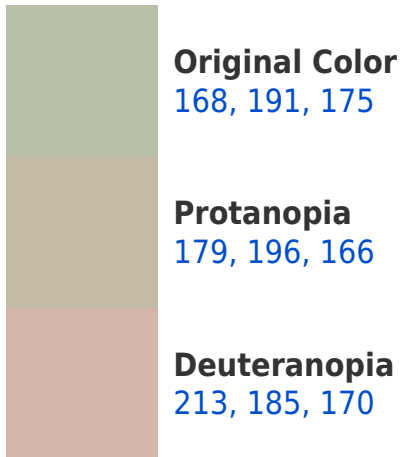



This preview shows how white text looks on a background with the RYB color 168, 191, 175.

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](#).

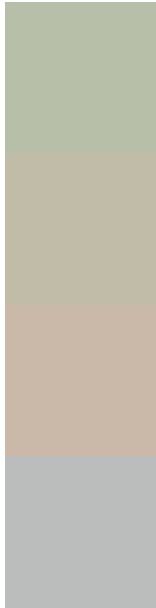
Dichromacy





Tritanopia
189, 186, 201

Trichromacy



Original Color
168, 191, 175

Protanomaly
172, 192, 167

Deuteranomaly
202, 200, 169

Tritanomaly
187, 188, 189

Monochromacy



Original Color
168, 191, 175

Achromatopsia
186, 186, 186

Achromatomaly
179, 188, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 191, 175 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(184, 191, 168) looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 168)  
}
```

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(184, 191, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 168) }
```

Border

The CSS property to change the border of an element to RYB 168, 191, 175 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(184, 191, 168) }
```

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

```
.border{ border-color:rgb(184, 191, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 191, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 168);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 168, 191, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 168) }
```

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

```
.background{ background-color: rgb(184,  
191, 168) }
```

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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