

Converting Colors

`RYB(168, 183, 179)`

Have a look what the booklet for
RYB(168, 183, 179) contains.

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Color

R_YB(168, 183, 179)

Conversions

Conversions Part 1

Format	Color
Hex	ACB7A8
RGB	172, 183, 168
RGB Percent	67%, 72%, 66%
CMY	0.3255, 0.2824, 0.3412
CMYK	0.06, 0.00, 0.08, 0.28
HSL	104°, 9%, 69%
HSV	104°, 8%, 72%
XYZ	41.0146, 45.4648, 43.6597
YIQ	178.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

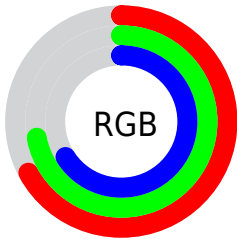
Format	Color
RYB	168, 183, 179
Decimal	11319208
CIELab	73.20, -6.63, 6.31
CIELCh	73, 9.153, 136.446
Yxy	45.4648, 0.3152, 0.3494
Android (android.graphics.Color)	4289509288 (0xFFACB7A8)
YUV	178.0010, -4.9305, -5.2629
Hunter-Lab	67.4276, -9.4209, 8.8088

Details

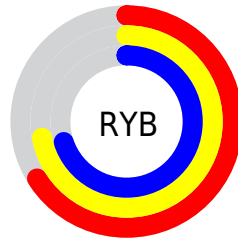
The RYB color **168, 183, 179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **179, 168, 183**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **223, 239, 235**, and **116, 130, 126** is the 20% darker color. If you saturate the color by 10%, you get **150, 183, 174**, and if you desaturate by 10%, it is **185, 183, 186**.

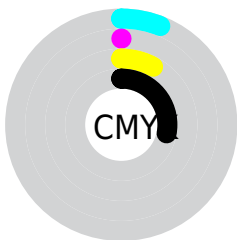
Distribution



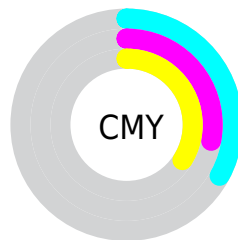
- Red (67%)
- Green (72%)
- Blue (66%)



- Red (66%)
- Yellow (72%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)



- Cyan (33%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 168, 183, 179 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, 183, 179 by changing the saturation by 10% instead.

■ 168, 183, 179

255, 255, 255

■ 223, 239, 235

252, 255, 252

■ 168, 183, 179

■ 142, 156, 153

■ 116, 130, 126

■ 91, 105, 101

■ 68, 81, 78

■ 46, 58, 55

■ 25, 36, 33

■ 0, 15, 14


■ 0, 0, 0

■ 168, 183, 179

■ 168, 183, 179


 150, 183, 174


 185, 183, 186

 131, 183, 169


 199, 183, 205

 113, 183, 164


 212, 183, 223

 95, 183, 160


 226, 183, 241

 76, 183, 154


 239, 183, 255


 58, 183, 150

 253, 183, 255

 40, 183, 145

 255, 183, 255

 22, 183, 140

 3, 183, 135

Harmonies

Analogous

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



165, 182, 164



168, 183, 179



164, 178, 185

Triad

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



168, 183, 179



167, 177, 196



198, 174, 175

Complementary

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



168, 183, 179



179, 168, 183

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.



195, 174, 184



168, 183, 179



177, 179, 196

Square

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



168, 183, 179



160, 174, 192



187, 176, 191



197, 177, 168

Rectangle

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



168, 183, 179



160, 174, 185



187, 176, 191



197, 174, 178

Sweetspot

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



168, 183, 179



232, 237, 235



173, 183, 168



117, 120, 119



247, 247, 247



120, 120, 120

Same Dimension

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



168, 183, 179



213, 237, 230



168, 181, 183



83, 92, 90



0, 156, 115



0, 28, 21

Inverse Universe

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



179, 168, 183



231, 213, 237



183, 168, 180



89, 83, 92



114, 0, 156



21, 0, 28

Previews

White Background



This preview shows how the RYB color 168, 183, 179 looks on a white background.

Color Contrast Check

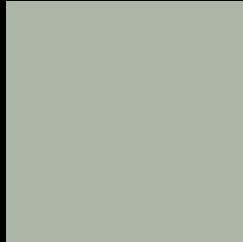
Large Text (above 18pt) WCAG AA × Fail

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, 183, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

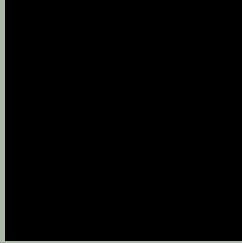
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

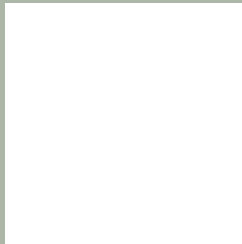
Any Text WCAG AAA ✓ Pass

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

RYB 168, 183, 179 Background



This preview shows how black text looks on a background with the RYB color 168, 183, 179.



This preview shows how white text looks on a background with the RYB color 168, 183, 179.

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](#).

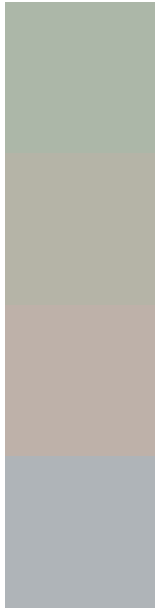
Dichromacy





Tritanopia
176, 179, 193

Trichromacy



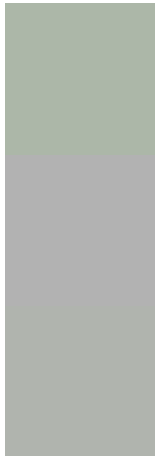
Original Color
168, 183, 179

Protanomaly
168, 181, 167

Deuteranomaly
190, 182, 169

Tritanomaly
175, 178, 184

Monochromacy



Original Color
168, 183, 179

Achromatopsia
178, 178, 178

Achromatomaly
174, 180, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 183, 179 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(172, 183, 168) looks like.

```
.text, #text, p{  
    color:rgb(172, 183, 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(172, 183, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 183, 168) }
```

Border

The CSS property to change the border of an element to RYB 168, 183, 179 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(172, 183, 168) }
```

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

```
.border{ border-color:rgb(172, 183, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 183, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 183, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 183, 168);  
box-shadow:4px 4px 4px 4px rgb(172, 183,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 168, 183, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 183, 168) }
```

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

```
.background{ background-color: rgb(172,  
183, 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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