

Converting Colors

`RYB(173, 181, 183)`

Have a look what the booklet for RYB(173, 181, 183) contains.

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Color

R_YB(173, 181, 183)

Conversions

Conversions Part 1

Format	Color
Hex	ADB7B0
RGB	173, 183, 176
RGB Percent	68%, 72%, 69%
CMY	0.3216, 0.2824, 0.3118
CMYK	0.05, 0.00, 0.04, 0.28
HSL	135°, 6%, 70%
HSV	135°, 5%, 72%
XYZ	41.9541, 45.8660, 47.4572
YIQ	179.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

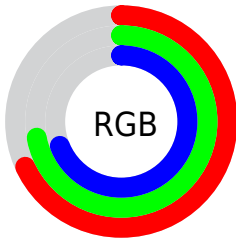
Format	Color
RYB	173, 181, 183
Decimal	11384752
CIELab	73.46, -4.90, 2.60
CIELCh	73, 5.545, 152.039
Yxy	45.8660, 0.3101, 0.3391
Android (android.graphics.Color)	4289574832 (0xFFADB7B0)
YUV	179.2120, -1.5835, -5.4479
Hunter-Lab	67.7245, -7.9401, 5.8603

Details

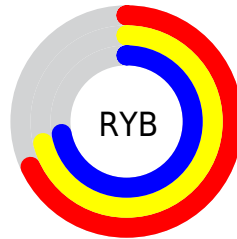
The RYB color **173, 181, 183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183, 173, 180**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **228, 236, 239**, and **121, 128, 130** is the 20% darker color. If you saturate the color by 10%, you get **155, 177, 183**, and if you desaturate by 10%, it is **191, 183, 189**.

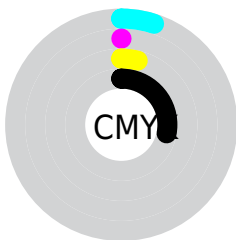
Distribution



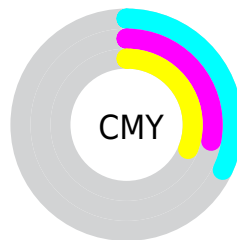
- Red (68%)
- Green (72%)
- Blue (69%)



- Red (68%)
- Yellow (71%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 181, 183 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 173, 181, 183 by changing the saturation by 10% instead.

■ 173, 181, 183

255, 255, 255

■ 228, 237, 239

■ 173, 181, 183

■ 146, 154, 156

■ 121, 128, 130

■ 96, 103, 105

■ 72, 79, 81

■ 50, 56, 58

■ 29, 34, 36


■ 3, 13, 15


■ 0, 0, 0


■ 173, 181, 183

■ 173, 181, 183

 155, 177, 183


 191, 183, 189


 136, 173, 183


 210, 183, 203

 118, 170, 183


 228, 183, 217

 100, 166, 183


 246, 183, 230


 82, 163, 183

 255, 183, 244

 63, 159, 183

 255, 183, 255

 45, 156, 183

 27, 152, 183

 8, 148, 183

Harmonies

Analogous

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



172, 182, 175



173, 181, 183



169, 177, 184

Triad

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



173, 181, 183



176, 180, 190



192, 177, 175

Complementary

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



173, 181, 183



183, 173, 180

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.



191, 177, 180



173, 181, 183



182, 179, 189

Square

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



173, 181, 183



171, 178, 189



188, 178, 185



189, 184, 172

Rectangle

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



173, 181, 183



168, 176, 184



188, 178, 185



192, 177, 177

Sweetspot

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



173, 181, 183



232, 236, 237



173, 183, 175



117, 119, 120



247, 247, 247



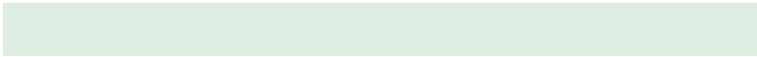
120, 120, 120

Same Dimension

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



173, 181, 183



221, 234, 237



173, 179, 183



84, 90, 92



0, 125, 156



0, 22, 28

Inverse Universe

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



183, 173, 181



237, 221, 233



183, 173, 176



92, 84, 90



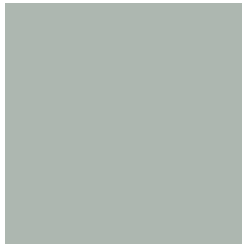
156, 0, 117



28, 0, 21

Previews

White Background



This preview shows how the RYB color 173, 181, 183 looks on a white background.

Color Contrast Check

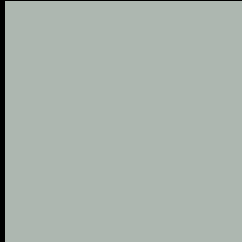
Large Text (above 18pt) WCAG AA × Fail

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 173, 181, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

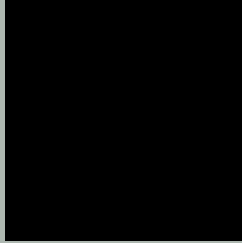
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

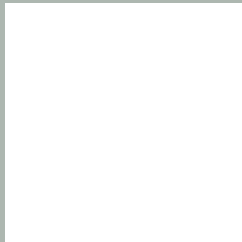
Any Text WCAG AAA ✓ Pass

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

RYB 173, 181, 183 Background



This preview shows how black text looks on a background with the RYB color 173, 181, 183.



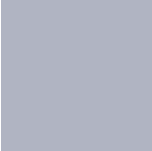
This preview shows how white text looks on a background with the RYB color 173, 181, 183.

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, 194

Trichromacy



Original Color

173, 181, 183

Protanomaly

176, 181, 175

Deuteranomaly

190, 177, 176

Tritanomaly

175, 179, 187

Monochromacy



Original Color

173, 181, 183

Achromatopsia

179, 179, 179

Achromatomaly

177, 179, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 181, 183 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(173, 183, 176) looks like.

```
.text, #text, p{  
    color:rgb(173, 183, 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(173, 183, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 183, 176) }
```

Border

The CSS property to change the border of an element to RYB 173, 181, 183 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(173, 183, 176) }
```

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

```
.border{ border-color:rgb(173, 183, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 183, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 183, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 183, 176);  
box-shadow:4px 4px 4px 4px rgb(173, 183,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 173, 181, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 183, 176) }
```

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

```
.background{ background-color: rgb(173,  
183, 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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