Converting Colors

RYB(180, 173, 180)

Have a look what the booklet for RYB(180, 173, 180) contains.

Color

RYB(180, 173, 180)

Conversions

Format	Color
	Conversions Part 1
Hex	B4ADB4
RGB	180, 173, 180
RGB Percent	71%, 68%, 71%
CMY	0.2941, 0.3216, 0.2941
CMYK	0.00, 0.04, 0.00, 0.29
HSL	300°, 4%, 69%
HSV	300°, 4%, 71%
XYZ	42.0042, 42.8857, 49.2439
YIQ	175.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

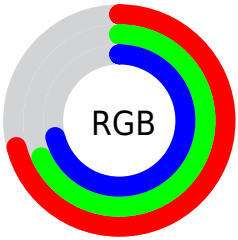
Format	Color
RYB	180, 173, 180
Decimal	11840948
CIELab	71.48, 3.79, -2.70
CIELCh	71, 4.653, 324.601
Yxy	42.8857, 0.3132, 0.3197
Android (android.graphics.Color)	4290031028 (0xFFB4ADB4)
YUV	175.8910, 2.0257, 3.6036
Hunter-Lab	65.4872, -0.1108, 1.2572

Details

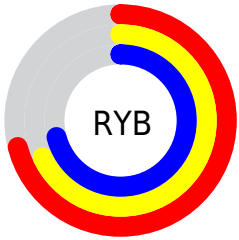
The RYB color 180, 173, 180 is a light color, and the websafe version is hex 999999. A complement of this color would be 173, 180, 180, and the grayscale version is 176, 176, 176.

A 20% lighter version of the original color is 236, 228, 236, and 127, 121, 127 is the 20% darker color. If you saturate the color by 10%, you get 180, 155, 180, and if you desaturate by 10%, it is 180, 191, 191.

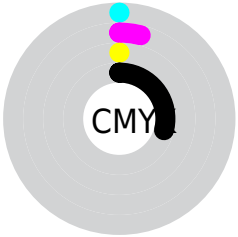
Distribution



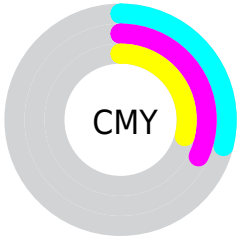
- Red (71%)
- Green (68%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (29%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 173, 180 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 180, 173, 180 by changing the saturation by 10% instead.

180, 173, 180

255, 255, 255

236, 228, 236

180, 173, 180

153, 146, 153

127, 121, 127

102, 96, 102

78, 72, 78

55, 50, 56

34, 29, 34

12, 3, 12

0, 0, 0

180, 173, 180

180, 173, 180

180, 155, 180

180, 137, 180

180, 119, 180

180, 101, 180

180, 83, 180

180, 65, 180

180, 47, 180

180, 29, 180

180, 11, 180

180, 191, 191

180, 209, 209

180, 227, 227

180, 245, 245

180, 255, 255

Harmonies

Analogous

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

175, 174, 183

180, 173, 180

183, 172, 176

Triad

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

180, 173, 180

178, 180, 167

165, 172, 178

Complementary

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

180, 173, 180

173, 180, 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.

166, 173, 178

180, 173, 180

167, 176, 168

Square

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

180, 173, 180

183, 176, 168

170, 177, 177

166, 173, 182

Rectangle

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

180, 173, 180

184, 172, 173

170, 177, 177

165, 172, 178

Sweetspot

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

180, 173, 180

235, 232, 235

173, 173, 180

117, 116, 117

245, 245, 245

117, 117, 117

Same Dimension

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

180, 173, 180

235, 223, 235

180, 173, 177

89, 84, 89

153, 0, 153

26, 0, 26

Inverse Universe

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

180, 173, 180

235, 223, 235

173, 177, 180

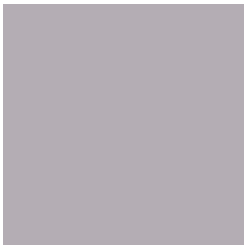
89, 84, 89

153, 0, 153

26, 0, 26

Previews

White Background

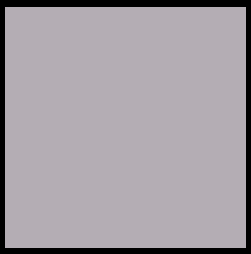


This preview shows how the RYB color 180, 173, 180 looks on a white background.

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



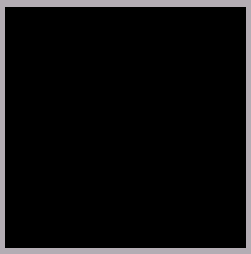
This preview shows how the RYB color 180, 173, 180 looks on a black background.

Color Contrast Check

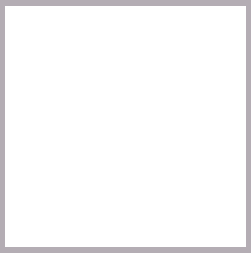
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 180, 173, 180 Background



This preview shows how black text looks on a background with the RYB color 180, 173, 180.

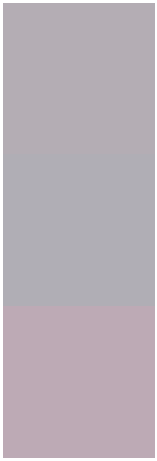


This preview shows how white text looks on a background with the RYB color 180, 173, 180.

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



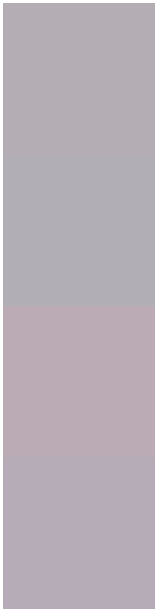
Original Color
180, 173, 180

Protanopia
176, 174, 181

Deuteranopia
189, 170, 181

Tritanopia
181, 172, 186

Trichromacy



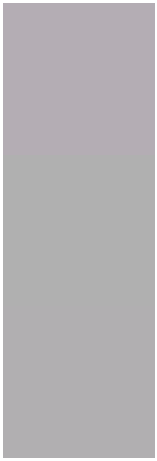
Original Color
180, 173, 180

Protanomaly
177, 174, 181

Deuteranomaly
186, 171, 181

Tritanomaly
181, 172, 184

Monochromacy



Original Color
180, 173, 180

Achromatopsia
176, 176, 176

Achromatomaly
177, 175, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 173, 180 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, 173, 180) looks like.

```
.text, #text, p{
    color:rgb(180, 173, 180)
}
```

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, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 173, 180) }
```

Border

The CSS property to change the border of an element to RYB 180, 173, 180 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, 173, 180) }
```

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

```
.border{ border-color:rgb(180, 173, 180) }
```

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

Here you see how a box with a 4 pixel rgb(180, 173, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 173, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 173, 180); box-shadow:4px 4px 4px 4px rgb(180, 173, 180) }
```

Background

The CSS property to change the background color of an element to RYB 180, 173, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(180, 173, 180) }
```

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

```
.background{ background-color:rgb(180,
173, 180) }
```

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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