Converting Colors

RYB(180, 167, 177)

Have a look what the booklet for RYB(180, 167, 177) contains.

Color

RYB(180, 167, 177)

Conversions

Format	Color
	Conversions Part 1
Hex	B4A7B1
RGB	180, 167, 177
RGB Percent	71%, 65%, 69%
CMY	0.2941, 0.3451, 0.3059
CMYK	0.00, 0.07, 0.02, 0.29
HSL	314°, 8%, 68%
HSV	314°, 7%, 71%
XYZ	40.5769, 40.5151, 47.2765
YIQ	172.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

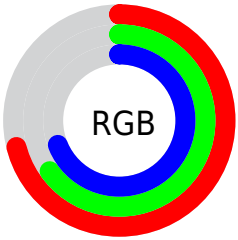
Format	Color
RYB	180, 167, 177
Decimal	11839409
CIELab	69.83, 6.51, -3.46
CIELCh	70, 7.370, 332.041
Yxy	40.5151, 0.3161, 0.3156
Android (android.graphics.Color)	4290029489 (0xFFB4A7B1)
YUV	172.0270, 2.4517, 6.9923
Hunter-Lab	63.6514, 2.4013, 0.5189

Details

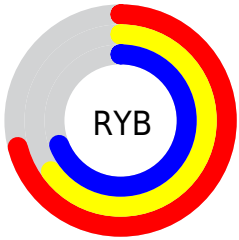
The RYB color 180, 167, 177 is a light color, and the websafe version is hex 999999. A complement of this color would be 167, 178, 180, and the grayscale version is 172, 172, 172.

A 20% lighter version of the original color is 236, 222, 233, and 127, 115, 124 is the 20% darker color. If you saturate the color by 10%, you get 180, 149, 173, and if you desaturate by 10%, it is 180, 184, 185.

Distribution

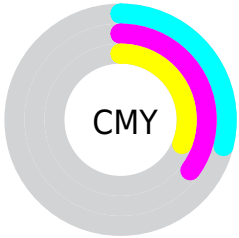


- Red (71%)
- Green (65%)
- Blue (69%)



- Red (71%)
- Yellow (65%)
- Blue (69%)

- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 167, 177 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, 167, 177 by changing the saturation by 10% instead.

180, 167, 177

255, 255, 255

236, 222, 233

255, 251, 255

180, 167, 177

153, 141, 150

127, 115, 124

102, 91, 100

78, 67, 76

55, 45, 53

34, 24, 32

11, 0, 8

0, 0, 0

180, 167, 177

180, 167, 177

180, 149, 173	180, 184, 185
180, 131, 169	180, 199, 203
180, 113, 165	180, 214, 221
180, 95, 160	180, 228, 239
180, 77, 156	180, 240, 255
180, 59, 152	180, 238, 255
180, 41, 148	180, 236, 255
180, 23, 144	180, 234, 255
180, 5, 140	180, 232, 255

Harmonies

Analogous

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

173, 169, 182

180, 167, 177

185, 166, 170

Triad

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

180, 167, 177

166, 176, 157

154, 165, 177

Complementary

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

180, 167, 177

167, 178, 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.

156, 167, 175

180, 167, 177

159, 172, 163

Square

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

180, 167, 177

182, 174, 159

161, 172, 174

158, 167, 182

Rectangle

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

180, 167, 177

185, 166, 166

161, 172, 174

154, 165, 175

Sweetspot

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

180, 167, 177

235, 230, 234

170, 167, 180

117, 115, 117

245, 245, 245

117, 117, 117

Same Dimension

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

180, 167, 177

235, 213, 230

180, 167, 171

89, 80, 87

153, 0, 118

26, 0, 20

Inverse Universe

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

180, 167, 177

235, 213, 230

167, 175, 180

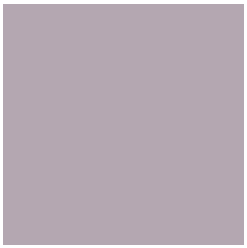
89, 80, 87

153, 0, 118

26, 0, 20

Previews

White Background

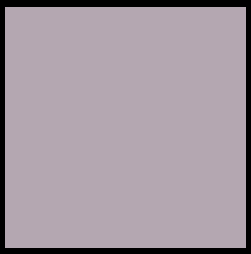


This preview shows how the RYB color 180, 167, 177 looks on a white background.

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



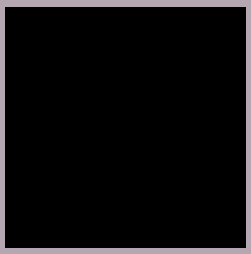
This preview shows how the RYB color 180, 167, 177 looks on a black background.

Color Contrast Check

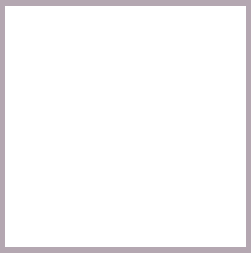
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 180, 167, 177 Background



This preview shows how black text looks on a background with the RYB color 180, 167, 177.

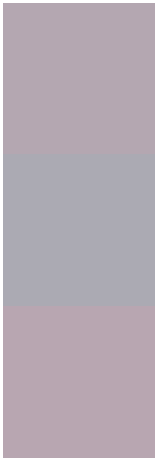


This preview shows how white text looks on a background with the RYB color 180, 167, 177.

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



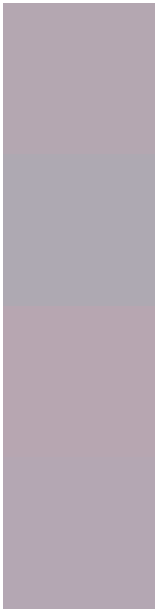
Original Color
180, 167, 177

Protanopia
171, 170, 179

Deuteranopia
184, 166, 177

Tritanopia
180, 167, 180

Trichromacy



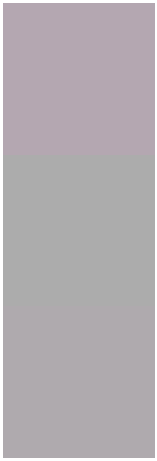
Original Color
180, 167, 177

Protanomaly
174, 169, 178

Deuteranomaly
183, 166, 177

Tritanomaly
180, 167, 179

Monochromacy



Original Color
180, 167, 177

Achromatopsia
172, 172, 172

Achromatomaly
175, 170, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 167, 177 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, 167, 177) looks like.

```
.text, #text, p{
    color:rgb(180, 167, 177)
}
```

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, 167, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 177) }
```

Border

The CSS property to change the border of an element to RYB 180, 167, 177 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, 167, 177) }
```

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

```
.border{ border-color:rgb(180, 167, 177) }
```

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

Here you see how a box with a 4 pixel rgb(180, 167, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 167, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 167, 177); box-shadow:4px 4px 4px 4px rgb(180, 167, 177) }
```

Background

The CSS property to change the background color of an element to RYB 180, 167, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(180, 167, 177) }
```

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

```
.background{ background-color:rgb(180,
167, 177) }
```

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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