Converting Colors

RGB(176, 168, 173)

Have a look what the booklet for RGB(176, 168, 173) contains.

Color

RGB(176, 168, 173)

Conversions

Format	Color
	Conversions Part 1
Hex	B0A8AD
RGB	176, 168, 173
RGB Percent	69%, 66%, 68%
CMY	0.3098, 0.3412, 0.3216
CMYK	0.00, 0.05, 0.02, 0.31
HSL	322°, 5%, 67%
HSV	322°, 5%, 69%
XYZ	39.4500, 40.2525, 45.2254
YIQ	170.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

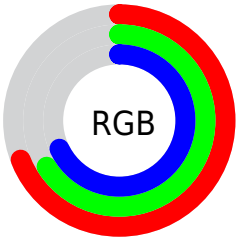
Format	Color
RYB	176, 168, 173
Decimal	11577517
CIELab	69.65, 3.79, -1.55
CIELCh	70, 4.098, 337.731
Yxy	40.2525, 0.3158, 0.3222
Android (android.graphics.Color)	4289767597 (0xFFB0A8AD)
YUV	170.9620, 1.0047, 4.4183
Hunter-Lab	63.4449, -0.0374, 2.1477

Details

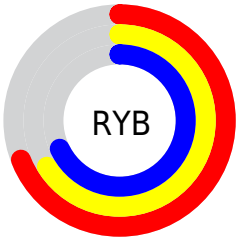
The RGB color 176, 168, 173 is a light color, and the websafe version is hex 999999. A complement of this color would be 168, 176, 171, and the grayscale version is 171, 171, 171.

A 20% lighter version of the original color is 232, 223, 228, and 124, 116, 121 is the 20% darker color. If you saturate the color by 10%, you get 176, 150, 166, and if you desaturate by 10%, it is 176, 186, 180.

Distribution

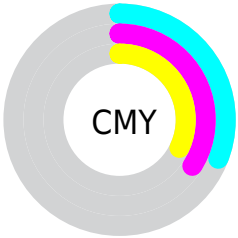


- Red (69%)
- Green (66%)
- Blue (68%)



- Red (69%)
- Yellow (66%)
- Blue (68%)

- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (31%)



- Cyan (31%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 168, 173 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 RGB color 176, 168, 173 by changing the saturation by 10% instead.

176, 168, 173

255, 255, 255

232, 223, 228

255, 252, 255

176, 168, 173

149, 142, 146

124, 116, 121

99, 91, 96

75, 68, 72

52, 46, 50

31, 25, 29

5, 0, 2

0, 0, 0

176, 168, 173

176, 168, 173

176, 150, 166	176, 186, 180
176, 133, 160	176, 203, 186
176, 115, 153	176, 221, 193
176, 98, 147	176, 238, 199
176, 80, 140	176, 255, 206
176, 62, 133	176, 255, 213
176, 45, 127	176, 255, 219
176, 27, 120	176, 255, 226
176, 10, 114	176, 255, 232

Harmonies

Analogous

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

172, 169, 176

176, 168, 173

178, 168, 169

Triad

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

176, 168, 173

172, 170, 163

161, 172, 174

Complementary

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

176, 168, 173

168, 176, 171

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.

162, 172, 171

176, 168, 173

168, 171, 164

Square

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

176, 168, 173

176, 169, 163

164, 172, 167

164, 171, 177

Rectangle

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

176, 168, 173

178, 168, 167

164, 172, 167

161, 172, 173

Sweetspot

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

176, 168, 173

230, 227, 229

171, 168, 176

115, 114, 114

242, 242, 242

115, 115, 115

Same Dimension

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

176, 168, 173

230, 218, 225

176, 168, 169

89, 84, 87

153, 0, 96

26, 0, 16

Inverse Universe

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

176, 168, 173

230, 218, 225

168, 176, 175

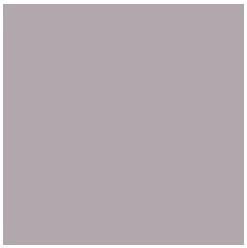
89, 84, 87

153, 0, 96

26, 0, 16

Previews

White Background

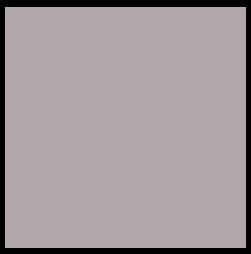


This preview shows how the RGB color 176, 168, 173 looks on a white background.

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



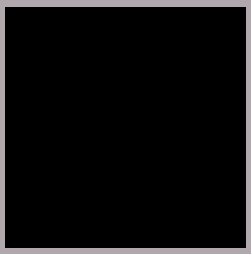
This preview shows how the RGB color 176, 168, 173 looks on a black background.

Color Contrast Check

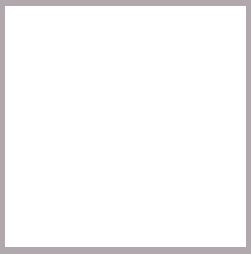
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 176, 168, 173 Background



This preview shows how black text looks on a background with the RGB color 176, 168, 173.

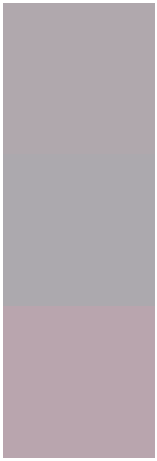


This preview shows how white text looks on a background with the RGB color 176, 168, 173.

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



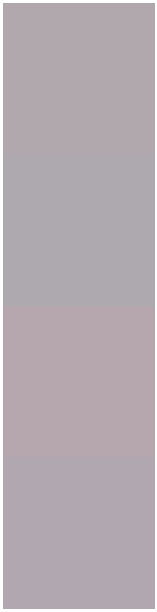
Original Color
176, 168, 173

Protanopia
172, 169, 174

Deuteranopia
185, 165, 174

Tritanopia
177, 167, 180

Trichromacy



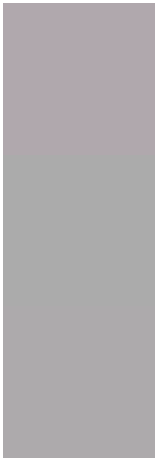
Original Color
176, 168, 173

Protanomaly
173, 169, 174

Deuteranomaly
182, 166, 174

Tritanomaly
177, 167, 177

Monochromacy



Original Color
176, 168, 173

Achromatopsia
171, 171, 171

Achromatomaly
173, 170, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 168, 173 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(176, 168, 173) looks like.

```
.text, #text, p{
    color:rgb(176, 168, 173)
}
```

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(176, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 168, 173) }
```

Border

The CSS property to change the border of an element to RGB 176, 168, 173 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(176, 168, 173) }
```

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

```
.border{ border-color:rgb(176, 168, 173) }
```

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

Here you see how a box with a 4 pixel rgb(176, 168, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 168, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 168, 173); box-shadow:4px 4px 4px 4px rgb(176, 168, 173) }
```

Background

The CSS property to change the background color of an element to RGB 176, 168, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(176, 168, 173) }
```

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

```
.background{ background-color:rgb(176,
168, 173) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor