Converting Colors

RYB(173, 158, 172)

Have a look what the booklet for RYB(173, 158, 172) contains.

Color

RYB(173, 158, 172)

Conversions

Format	Color
	Conversions Part 1
Hex	AD9EAC
RGB	173, 158, 172
RGB Percent	68%, 62%, 67%
CMY	0.3216, 0.3804, 0.3255
CMYK	0.00, 0.09, 0.01, 0.32
HSL	304°, 8%, 65%
HSV	304°, 9%, 68%
XYZ	36.9068, 36.3165, 44.0943
YIQ	164.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

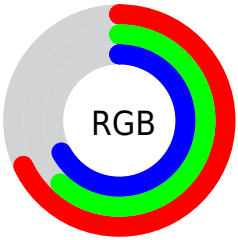
Format	Color
RYB	173, 158, 172
Decimal	11378348
CIELab	66.76, 8.05, -5.28
CIELCh	67, 9.623, 326.742
Yxy	36.3165, 0.3146, 0.3096
Android (android.graphics.Color)	4289568428 (0xFFAD9EAC)
YUV	164.0810, 3.9041, 7.8220
Hunter-Lab	60.2632, 3.8577, -1.1980

Details

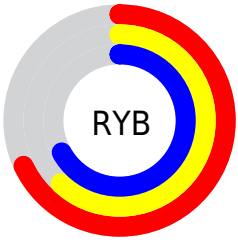
The RYB color 173, 158, 172 is a light color, and the websafe version is hex 999999. A complement of this color would be 158, 172, 173, and the grayscale version is 164, 164, 164.

A 20% lighter version of the original color is 228, 213, 227, and 121, 107, 120 is the 20% darker color. If you saturate the color by 10%, you get 173, 141, 171, and if you desaturate by 10%, it is 173, 175, 175.

Distribution

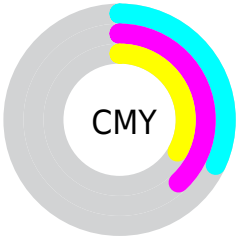


- Red (68%)
- Green (62%)
- Blue (67%)



- Red (68%)
- Yellow (62%)
- Blue (67%)

- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 158, 172 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, 158, 172 by changing the saturation by 10% instead.

173, 158, 172

255, 255, 255

228, 213, 227

255, 241, 255

173, 158, 172

146, 132, 145

121, 107, 120

96, 82, 95

72, 59, 71

50, 38, 49

29, 17, 28

0, 0, 0

173, 158, 172

173, 141, 171

173, 158, 172

173, 175, 175

173, 123, 170	173, 192, 193
173, 106, 169	173, 208, 210
173, 89, 167	173, 223, 227
173, 72, 166	173, 240, 245
173, 54, 165	173, 249, 255
173, 37, 164	173, 249, 255
173, 20, 163	173, 248, 255
173, 2, 162	173, 247, 255

Harmonies

Analogous

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

163, 161, 178

173, 158, 172

180, 157, 164

Triad

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

173, 158, 172

161, 171, 145

141, 155, 170

Complementary

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

173, 158, 172

158, 172, 173

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.

144, 158, 168

173, 158, 172

147, 164, 150

Square

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

173, 158, 172

178, 165, 148

151, 164, 166

144, 157, 177

Rectangle

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

173, 158, 172

181, 157, 158

151, 164, 166

141, 155, 168

Sweetspot

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

173, 158, 172

224, 218, 224

159, 158, 173

112, 108, 112

240, 240, 240

112, 112, 112

Same Dimension

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

173, 158, 172

224, 202, 223

173, 158, 165

87, 78, 86

150, 0, 140

23, 0, 21

Inverse Universe

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

173, 158, 172

224, 202, 223

158, 167, 173

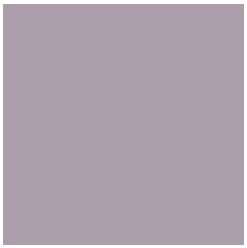
87, 78, 86

150, 0, 140

23, 0, 21

Previews

White Background

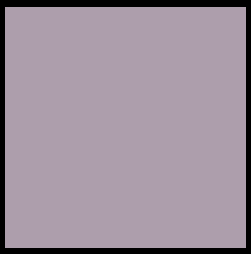


This preview shows how the RYB color 173, 158, 172 looks on a white background.

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



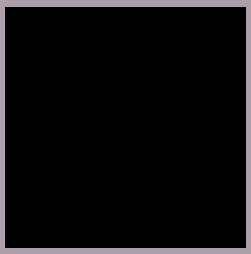
This preview shows how the RYB color 173, 158, 172 looks on a black background.

Color Contrast Check

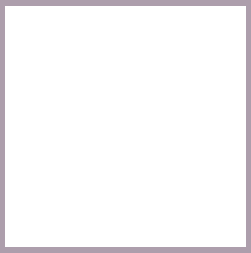
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 173, 158, 172 Background



This preview shows how black text looks on a background with the RYB color 173, 158, 172.



This preview shows how white text looks on a background with the RYB color 173, 158, 172.

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

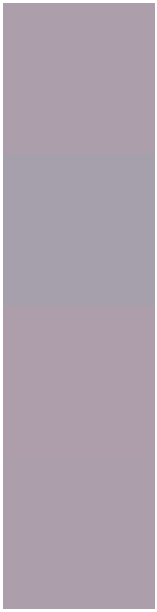
Original Color
173, 158, 172

Protanopia
162, 161, 174

Deuteranopia
174, 158, 172

Tritanopia
173, 158, 171

Trichromacy



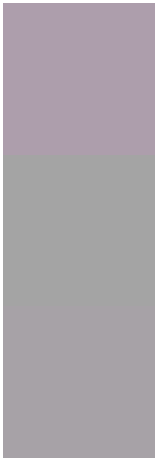
Original Color
173, 158, 172

Protanomaly
166, 160, 173

Deuteranomaly
174, 158, 172

Tritanomaly
173, 158, 171

Monochromacy



Original Color
173, 158, 172

Achromatopsia
164, 164, 164

Achromatomaly
167, 162, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 158, 172 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, 158, 172) looks like.

```
.text, #text, p{
    color:rgb(173, 158, 172)
}
```

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, 158, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 158, 172) }
```

Border

The CSS property to change the border of an element to RYB 173, 158, 172 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, 158, 172) }
```

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

```
.border{ border-color:rgb(173, 158, 172) }
```

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

Here you see how a box with a 4 pixel rgb(173, 158, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 158, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 158, 172); box-shadow:4px 4px 4px 4px rgb(173, 158, 172) }
```

Background

The CSS property to change the background color of an element to RYB 173, 158, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(173, 158, 172) }
```

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

```
.background{ background-color:rgb(173,
158, 172) }
```

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