Converting Colors

RGB(170, 139, 160)

Have a look what the booklet for RGB(170, 139, 160) contains.

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Color

RGB(170, 139, 160)

Conversions

Conversions Part 1

Format	Color
Hex	AA8BA0
RGB	170, 139, 160
RGB Percent	67%, 55%, 63%
CMY	0.3333, 0.4549, 0.3725
CMYK	0.00, 0.18, 0.06, 0.33
HSL	319°, 15%, 61%
HSV	319°, 18%, 67%
XYZ	32.1553, 29.5494, 37.2665
YIQ	150.6630, 11.7350, 13.1030

Conversions

Conversions Part 2

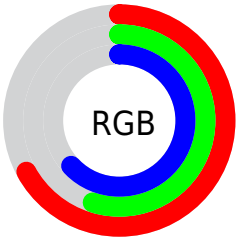
Format	Color
RYB	170, 139, 160
Decimal	11176864
CIELab	61.26, 15.37, -6.69
CIELCh	61, 16.757, 336.482
Yxy	29.5494, 0.3249, 0.2986
Android (android.graphics.Color)	4289366944 (0xFFAA8BA0)
YUV	150.6630, 4.6031, 16.9585
Hunter-Lab	54.3593, 10.4599, -2.5953

Details

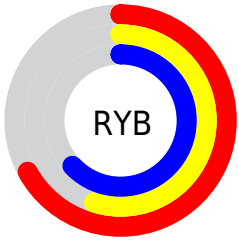
The RGB color 170, 139, 160 is a light color, and the websafe version is hex CC9999. A complement of this color would be 139, 170, 149, and the grayscale version is 151, 151, 151.

A 20% lighter version of the original color is 225, 193, 215, and 118, 89, 109 is the 20% darker color. If you saturate the color by 10%, you get 170, 122, 155, and if you desaturate by 10%, it is 170, 156, 165.

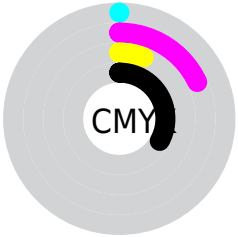
Distribution



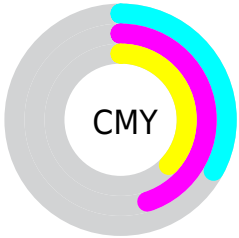
- Red (67%)
- Green (55%)
- Blue (63%)



- Red (67%)
- Yellow (55%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (6%)
- Black (33%)



- Cyan (33%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 139, 160 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 170, 139, 160 by changing the saturation by 10% instead.

170, 139, 160	170, 139, 160
255, 255, 255	143, 113, 134
225, 193, 215	118, 89, 109
254, 221, 243	93, 65, 84
255, 249, 255	69, 43, 61
	46, 22, 39
	27, 0, 19
	0, 0, 0

170, 139, 160	170, 139, 160
170, 122, 155	170, 156, 165

170, 105, 149	170, 173, 171
170, 88, 144	170, 190, 176
170, 71, 138	170, 207, 182
170, 54, 133	170, 224, 187
170, 37, 127	170, 241, 193
170, 20, 122	170, 255, 198
170, 3, 116	170, 255, 204
170, 0, 115	170, 255, 209

Harmonies

Analogous

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

155, 143, 172

170, 139, 160

178, 137, 145

Triad

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

170, 139, 160

156, 148, 119

108, 156, 165

Complementary

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

170, 139, 160

139, 170, 149

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.

111, 157, 151

170, 139, 160

139, 152, 124

Square

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

170, 139, 160

170, 143, 121

123, 155, 136

118, 153, 175

Rectangle

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

170, 139, 160

179, 138, 135

123, 155, 136

108, 156, 160

Sweetspot

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

170, 139, 160

222, 211, 218

149, 139, 170

112, 105, 110

240, 240, 240

112, 112, 112

Same Dimension

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

170, 139, 160

222, 173, 206

170, 139, 145

84, 76, 81

148, 0, 100

20, 0, 14

Inverse Universe

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

170, 139, 160

222, 173, 206

139, 170, 164

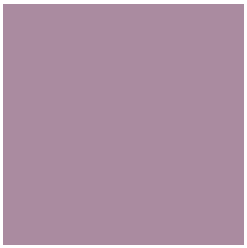
84, 76, 81

148, 0, 100

20, 0, 14

Previews

White Background

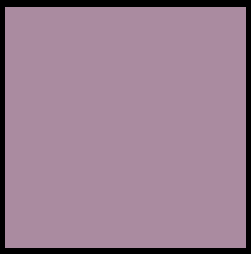


This preview shows how the RGB color 170, 139, 160 looks on a white background.

Color Contrast Check

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

Black Background



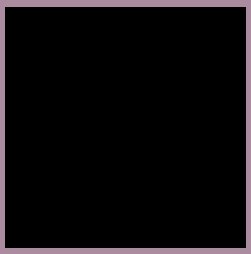
This preview shows how the RGB color 170, 139, 160 looks on a black background.

Color Contrast Check

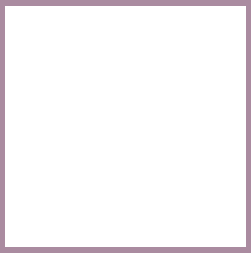
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 170, 139, 160 Background



This preview shows how black text looks on a background with the RGB color 170, 139, 160.

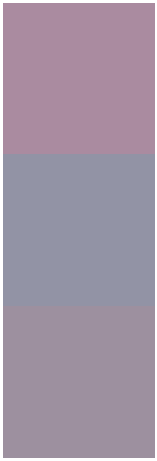


This preview shows how white text looks on a background with the RGB color 170, 139, 160.

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



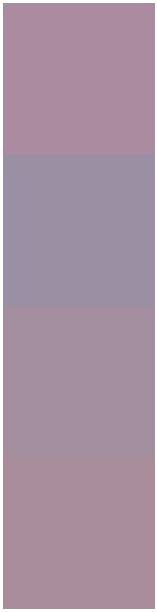
Original Color
170, 139, 160

Protanopia
146, 147, 165

Deuteranopia
157, 144, 159

Tritanopia
169, 140, 151

Trichromacy



Original Color
170, 139, 160

Protanomaly
155, 144, 163

Deuteranomaly
162, 142, 159

Tritanomaly
169, 140, 154

Monochromacy

Original Color
170, 139, 160

Achromatopsia
151, 151, 151

Achromatomaly
158, 147, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 139, 160 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(170, 139, 160) looks like.

```
.text, #text, p{
    color:rgb(170, 139, 160)
}
```

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(170, 139, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 139, 160) }
```

Border

The CSS property to change the border of an element to RGB 170, 139, 160 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(170, 139, 160) }
```

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

```
.border{ border-color:rgb(170, 139, 160) }
```

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

Here you see how a box with a 4 pixel rgb(170, 139, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 139, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 139, 160); box-shadow:4px 4px 4px 4px rgb(170, 139, 160) }
```

Background

The CSS property to change the background color of an element to RGB 170, 139, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(170, 139, 160) }
```

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

```
.background{ background-color:rgb(170,
139, 160) }
```

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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