Converting Colors

RGB(171, 120, 158)

Have a look what the booklet for RGB(171, 120, 158) contains.

Color

RGB(171, 120, 158)

Conversions

Conversions Part 1

Format	Color
Hex	AB789E
RGB	171, 120, 158
RGB Percent	67%, 47%, 62%
CMY	0.3294, 0.5294, 0.3804
CMYK	0.00, 0.30, 0.08, 0.33
HSL	315°, 23%, 57%
HSV	315°, 30%, 67%
XYZ	29.6826, 24.5595, 35.5238
YIQ	139.5810, 18.1980, 22.6300

Conversions

Conversions Part 2

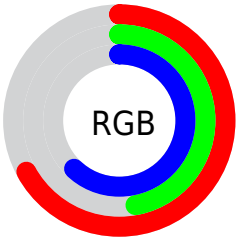
Format	Color
RYB	171, 120, 158
Decimal	11237534
CIELab	56.64, 26.11, -12.44
CIELCh	57, 28.919, 334.530
Yxy	24.5595, 0.3307, 0.2736
Android (android.graphics.Color)	4289427614 (0xFFAB789E)
YUV	139.5810, 9.0806, 27.5545
Hunter-Lab	49.5575, 20.1874, -7.8099

Details

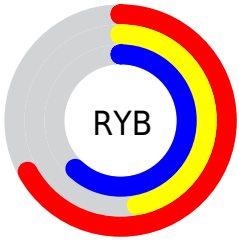
The RGB color 171, 120, 158 is a dark color, and the websafe version is hex 996699. A complement of this color would be 120, 171, 133, and the grayscale version is 139, 139, 139.

A 20% lighter version of the original color is 227, 173, 213, and 118, 71, 107 is the 20% darker color. If you saturate the color by 10%, you get 171, 103, 154, and if you desaturate by 10%, it is 171, 137, 162.

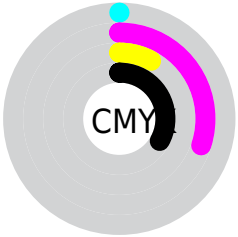
Distribution



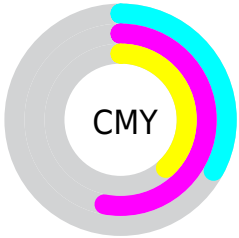
- Red (67%)
- Green (47%)
- Blue (62%)



- Red (67%)
- Yellow (47%)
- Blue (62%)



- Cyan (0%)
- Magenta (30%)
- Yellow (8%)
- Black (33%)



- Cyan (33%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 120, 158 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 171, 120, 158 by changing the saturation by 10% instead.

171, 120, 158	171, 120, 158
255, 255, 255	144, 95, 132
227, 173, 213	118, 71, 107
255, 200, 241	93, 47, 82
255, 229, 255	68, 25, 59
	45, 2, 37
	20, 0, 16
	0, 0, 0

171, 120, 158	171, 120, 158
171, 103, 154	171, 137, 162

171, 86, 149

171, 69, 145

171, 52, 141

171, 35, 136

171, 17, 132

171, 0, 127

171, 0, 127

171, 154, 167

171, 171, 171

171, 188, 175

171, 205, 180

171, 223, 184

171, 240, 189

171, 255, 193

171, 255, 197

Harmonies

Analogous

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

144, 128, 177

171, 120, 158

184, 117, 133

Triad

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

171, 120, 158

149, 136, 85

45, 149, 164

Complementary

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

171, 120, 158

120, 171, 133

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.

62, 150, 139

171, 120, 158

122, 143, 94

Square

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

171, 120, 158

171, 127, 91

92, 148, 113

68, 144, 181

Rectangle

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

171, 120, 158

185, 118, 116

92, 148, 113

47, 149, 156

Sweetspot

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

171, 120, 158

222, 202, 217

133, 120, 171

112, 100, 109

240, 240, 240

112, 112, 112

Same Dimension

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

171, 120, 158

222, 142, 201

171, 120, 133

87, 78, 84

150, 0, 112

23, 0, 17

Inverse Universe

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

171, 120, 158

222, 142, 201

120, 171, 158

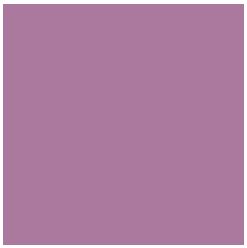
87, 78, 84

150, 0, 112

23, 0, 17

Previews

White Background

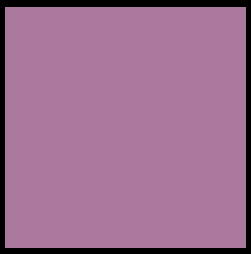


This preview shows how the RGB color 171, 120, 158 looks on a white background.

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



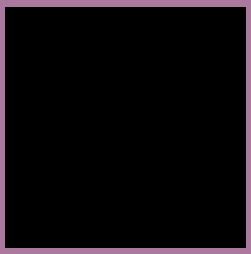
This preview shows how the RGB color 171, 120, 158 looks on a black background.

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 171, 120, 158 Background



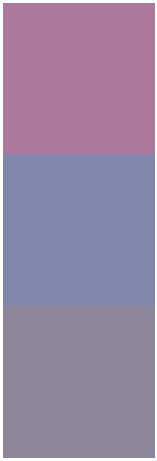
This preview shows how black text looks on a background with the RGB color 171, 120, 158.

This preview shows how white text looks on a background with the RGB color 171, 120, 158.

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



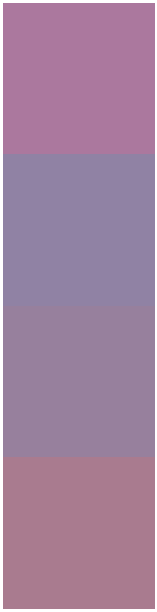
Original Color
171, 120, 158

Protanopia
128, 135, 168

Deuteranopia
140, 133, 156

Tritanopia
168, 124, 134

Trichromacy



Original Color
171, 120, 158

Protanomaly
144, 130, 164

Deuteranomaly
151, 128, 157

Tritanomaly
169, 123, 143

Monochromacy

Original Color
171, 120, 158

Achromatopsia
140, 140, 140

Achromatomaly
151, 133, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 120, 158 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(171, 120, 158) looks like.

```
.text, #text, p{
    color:rgb(171, 120, 158)
}
```

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(171, 120, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 120, 158) }
```

Border

The CSS property to change the border of an element to RGB 171, 120, 158 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(171, 120, 158) }
```

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

```
.border{ border-color:rgb(171, 120, 158) }
```

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

Here you see how a box with a 4 pixel rgb(171, 120, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 120, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 120, 158); box-shadow:4px 4px 4px 4px rgb(171, 120, 158) }
```

Background

The CSS property to change the background color of an element to RGB 171, 120, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(171, 120, 158) }
```

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

```
.background{ background-color:rgb(171,
120, 158) }
```

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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