Converting Colors

RGB(171, 132, 177)

Have a look what the booklet for RGB(171, 132, 177) contains.

Color

RGB(171, 132, 177)

Conversions

Format	Color
Hex	AB84B1
RGB	171, 132, 177
RGB Percent	67%, 52%, 69%
CMY	0.3294, 0.4824, 0.3059
CMYK	0.03, 0.25, 0.00, 0.31
HSL	292°, 22%, 61%
HSV	292°, 25%, 69%
XYZ	32.9817, 28.3348, 45.3258
YIQ	148.7910, 8.7990, 22.2630

Conversions Part 1

Conversions

Conversions Part 2

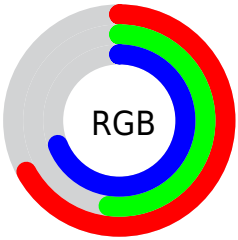
Format	Color
RYB	171, 132, 177
Decimal	11240625
CIELab	60.19, 22.95, -17.97
CIELCh	60, 29.151, 321.938
Yxy	28.3348, 0.3093, 0.2657
Android (android.graphics.Color)	4289430705 (0xFFAB84B1)
YUV	148.7910, 13.9070, 19.4773
Hunter-Lab	53.2304, 17.4457, -13.2243

Details

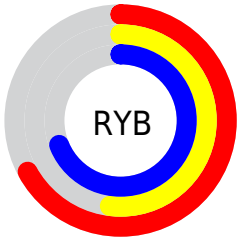
The RGB color 171, 132, 177 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 138, 177, 132, and the grayscale version is 149, 149, 149.

A 20% lighter version of the original color is 227, 185, 233, and 118, 82, 124 is the 20% darker color. If you saturate the color by 10%, you get 169, 114, 177, and if you desaturate by 10%, it is 173, 150, 177.

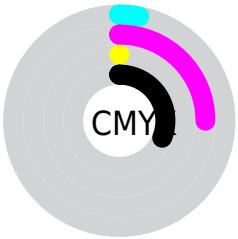
Distribution



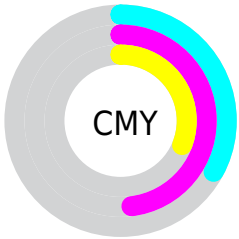
- Red (67%)
- Green (52%)
- Blue (69%)



- Red (67%)
- Yellow (52%)
- Blue (69%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 132, 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 RGB color 171, 132, 177 by changing the saturation by 10% instead.

171, 132, 177

255, 255, 255

227, 185, 233

255, 213, 255

255, 242, 255

171, 132, 177

144, 107, 150

118, 82, 124

93, 59, 99

69, 36, 75

46, 14, 52

28, 0, 32

0, 0, 3

0, 0, 0

171, 132, 177

171, 132, 177

169, 114, 177

166, 97, 177

164, 79, 177

162, 61, 177

159, 44, 177

157, 26, 177

154, 8, 177

153, 0, 177

173, 150, 177

176, 167, 177

178, 185, 177

180, 203, 177

183, 221, 177

185, 238, 177

188, 255, 177

190, 255, 177

192, 255, 177

Harmonies

Analogous

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

139, 141, 193

171, 132, 177

191, 126, 153

Triad

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

171, 132, 177

169, 141, 94

59, 159, 163

Complementary

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

171, 132, 177

138, 177, 132

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.

83, 159, 137

171, 132, 177

143, 149, 97

Square

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

171, 132, 177

188, 132, 106

114, 155, 113

65, 156, 185

Rectangle

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

171, 132, 177

196, 126, 136

114, 155, 113

65, 159, 155

Sweetspot

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

171, 132, 177

227, 211, 230

132, 138, 177

113, 103, 115

242, 242, 242

115, 115, 115

Same Dimension

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

171, 132, 177

220, 158, 230

177, 132, 160

88, 80, 89

133, 0, 153

22, 0, 26

Inverse Universe

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

177, 132, 138

230, 158, 168

132, 177, 149

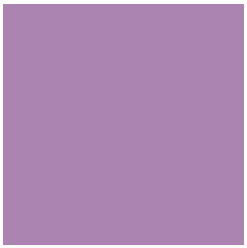
89, 80, 82

153, 0, 20

26, 0, 3

Previews

White Background

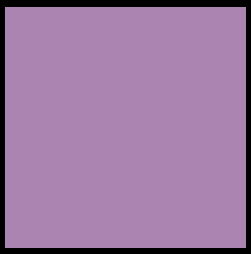


This preview shows how the RGB color 171, 132, 177 looks on a white background.

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



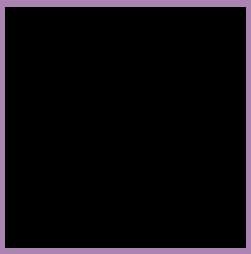
This preview shows how the RGB color 171, 132, 177 looks on a black background.

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 ✕ Fail

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

RGB 171, 132, 177 Background



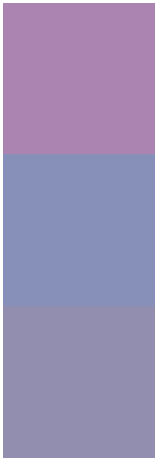
This preview shows how black text looks on a background with the RGB color 171, 132, 177.

This preview shows how white text looks on a background with the RGB color 171, 132, 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



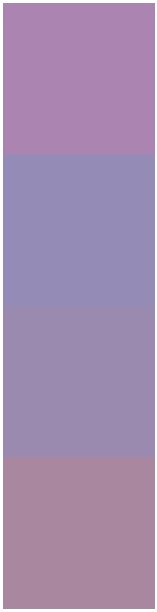
Original Color
171, 132, 177

Protanopia
135, 144, 185

Deuteranopia
145, 142, 175

Tritanopia
167, 137, 148

Trichromacy



Original Color
171, 132, 177

Protanomaly
148, 140, 182

Deuteranomaly
154, 138, 176

Tritanomaly
168, 135, 159

Monochromacy

Original Color
171, 132, 177

Achromatopsia
149, 149, 149

Achromatomaly
157, 143, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 132, 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(171, 132, 177) looks like.

```
.text, #text, p{
    color:rgb(171, 132, 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(171, 132, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 177) }
```

Border

The CSS property to change the border of an element to RGB 171, 132, 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(171, 132, 177) }
```

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

```
.border{ border-color:rgb(171, 132, 177) }
```

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

Here you see how a box with a 4 pixel rgb(171, 132, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 132, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 132, 177); box-shadow:4px 4px 4px 4px rgb(171, 132, 177) }
```

Background

The CSS property to change the background color of an element to RGB 171, 132, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(171, 132, 177) }
```

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

```
.background{ background-color:rgb(171,
132, 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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