Converting Colors

RGB(174, 137, 197)

Have a look what the booklet for RGB(174, 137, 197) contains.

Color

RGB(174, 137, 197)

Conversions

Format	Color
	Conversions Part 1
Hex	AE89C5
RGB	174, 137, 197
RGB Percent	68%, 54%, 77%
CMY	0.3176, 0.4627, 0.2275
CMYK	0.12, 0.30, 0.00, 0.23
HSL	277°, 34%, 65%
HSV	277°, 30%, 77%
XYZ	36.4793, 30.9212, 56.8690
YIQ	154.9030, 2.7920, 26.5040

Conversions

Conversions Part 2

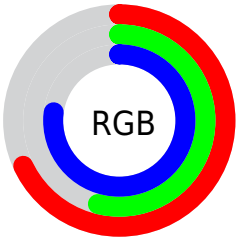
Format	Color
RYB	174, 137, 197
Decimal	11438533
CIELab	62.44, 25.25, -25.82
CIELCh	62, 36.118, 314.362
Yxy	30.9212, 0.2935, 0.2488
Android (android.graphics.Color)	4289628613 (0xFFAE89C5)
YUV	154.9030, 20.7538, 16.7481
Hunter-Lab	55.6068, 19.7878, -21.7110

Details

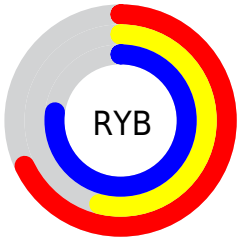
The RGB color 174, 137, 197 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 160, 197, 137, and the grayscale version is 155, 155, 155.

A 20% lighter version of the original color is 230, 191, 254, and 121, 87, 143 is the 20% darker color. If you saturate the color by 10%, you get 166, 117, 197, and if you desaturate by 10%, it is 182, 157, 197.

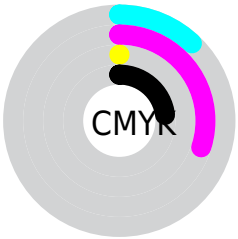
Distribution



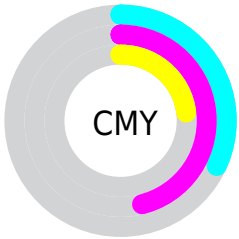
- Red (68%)
- Green (54%)
- Blue (77%)



- Red (68%)
- Yellow (54%)
- Blue (77%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (23%)



- Cyan (32%)
- Magenta (46%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 137, 197 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 174, 137, 197 by changing the saturation by 10% instead.

174, 137, 197	174, 137, 197
255, 255, 255	147, 111, 170
230, 191, 254	121, 87, 143
255, 219, 255	95, 63, 117
255, 247, 255	71, 40, 92
	47, 18, 69
	27, 0, 46
	0, 1, 25
	0, 0, 0

174, 137, 197	174, 137, 197

166, 117, 197

159, 98, 197

151, 78, 197

144, 58, 197

136, 39, 197

129, 19, 197

121, 0, 197

182, 157, 197

189, 176, 197

197, 196, 197

204, 216, 197

212, 236, 197

219, 255, 197

227, 255, 197

234, 255, 197

242, 255, 197

Harmonies

Analogous

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

129, 149, 213

174, 137, 197

203, 128, 169

Triad

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

174, 137, 197

186, 143, 89

21, 168, 166

Complementary

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

174, 137, 197

160, 197, 137

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.

79, 167, 133

174, 137, 197

157, 154, 88

Square

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

174, 137, 197

207, 132, 108

121, 162, 104

0, 166, 195

Rectangle

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

174, 137, 197

212, 126, 147

121, 162, 104

44, 168, 155

Sweetspot

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

174, 137, 197

246, 232, 255

137, 160, 197

122, 113, 128

0, 0, 0

128, 128, 128

Same Dimension

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

174, 137, 197

219, 161, 255

197, 137, 190

96, 90, 99

101, 0, 163

22, 0, 36

Inverse Universe

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

197, 137, 160

255, 161, 197

137, 197, 144

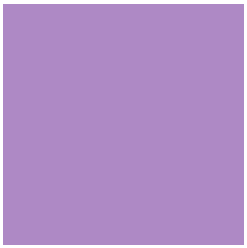
99, 90, 93

163, 0, 63

36, 0, 14

Previews

White Background

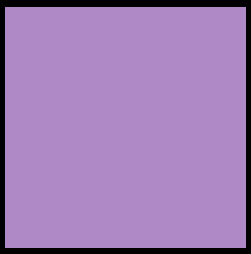


This preview shows how the RGB color 174, 137, 197 looks on a white background.

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



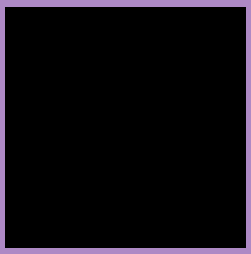
This preview shows how the RGB color 174, 137, 197 looks on a black background.

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 174, 137, 197 Background



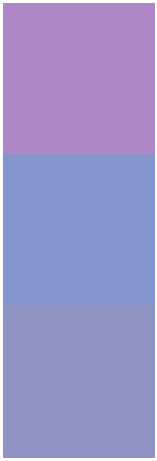
This preview shows how black text looks on a background with the RGB color 174, 137, 197.

This preview shows how white text looks on a background with the RGB color 174, 137, 197.

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



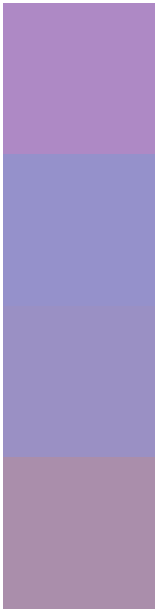
Original Color
174, 137, 197

Protanopia
135, 149, 206

Deuteranopia
143, 148, 195

Tritanopia
168, 145, 156

Trichromacy



Original Color
174, 137, 197

Protanomaly
149, 145, 203

Deuteranomaly
154, 144, 196

Tritanomaly
170, 142, 171

Monochromacy

Original Color
174, 137, 197

Achromatopsia
155, 155, 155

Achromatomaly
162, 148, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 137, 197 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(174, 137, 197) looks like.

```
.text, #text, p{
    color:rgb(174, 137, 197)
}
```

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(174, 137, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 137, 197) }
```

Border

The CSS property to change the border of an element to RGB 174, 137, 197 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(174, 137, 197) }
```

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

```
.border{ border-color:rgb(174, 137, 197) }
```

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

Here you see how a box with a 4 pixel rgb(174, 137, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 137, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 137, 197); box-shadow:4px 4px 4px 4px rgb(174, 137, 197) }
```

Background

The CSS property to change the background color of an element to RGB 174, 137, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(174, 137, 197) }
```

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

```
.background{ background-color:rgb(174,
137, 197) }
```

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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