Converting Colors

RGB(175, 127, 195)

Have a look what the booklet for RGB(175, 127, 195) contains.

Color

RGB(175, 127, 195)

Conversions

Format	Color
Hex	AF7FC3
RGB	175, 127, 195
RGB Percent	69%, 50%, 76%
CMY	0.3137, 0.5020, 0.2353
CMYK	0.10, 0.35, 0.00, 0.24
HSL	282°, 36%, 63%
HSV	282°, 35%, 76%
XYZ	35.1189, 28.2328, 55.2283
YIQ	149.1040, 6.7800, 31.3240

Conversions Part 1

Conversions

Conversions Part 2

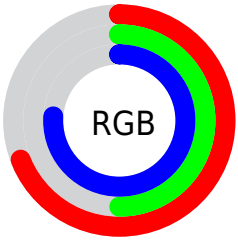
Format	Color
RYB	175, 127, 195
Decimal	11501507
CIELab	60.10, 30.78, -28.30
CIELCh	60, 41.808, 317.404
Yxy	28.2328, 0.2962, 0.2381
Android (android.graphics.Color)	4289691587 (0xFFAF7FC3)
YUV	149.1040, 22.6267, 22.7108
Hunter-Lab	53.1346, 24.9927, -24.4320

Details

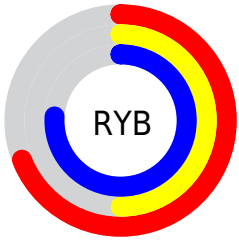
The RGB color 175, 127, 195 is a light color, and the websafe version is hex 996699. A complement of this color would be 147, 195, 127, and the grayscale version is 149, 149, 149.

A 20% lighter version of the original color is 231, 180, 252, and 121, 77, 141 is the 20% darker color. If you saturate the color by 10%, you get 169, 108, 195, and if you desaturate by 10%, it is 181, 147, 195.

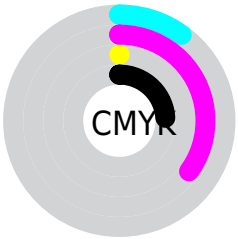
Distribution



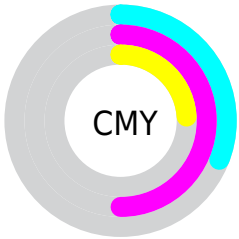
- Red (69%)
- Green (50%)
- Blue (76%)



- Red (69%)
- Yellow (50%)
- Blue (76%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 127, 195 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 175, 127, 195 by changing the saturation by 10% instead.

175, 127, 195	175, 127, 195
255, 255, 255	148, 102, 168
231, 180, 252	121, 77, 141
255, 208, 255	96, 53, 115
255, 237, 255	71, 30, 90
	47, 6, 67
	29, 0, 45
	0, 1, 23
	0, 0, 0

175, 127, 195	175, 127, 195

169, 108, 195

164, 88, 195

158, 69, 195

152, 49, 195

146, 30, 195

141, 10, 195

138, 0, 195

181, 147, 195

186, 166, 195

192, 186, 195

198, 205, 195

204, 225, 195

209, 244, 195

215, 255, 195

221, 255, 195

227, 255, 195

Harmonies

Analogous

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

123, 141, 215

175, 127, 195

206, 116, 162

Triad

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

175, 127, 195

181, 137, 72

0, 164, 166

Complementary

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

175, 127, 195

147, 195, 127

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.

45, 163, 128

175, 127, 195

146, 149, 72

Square

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

175, 127, 195

205, 124, 92

104, 158, 93

0, 161, 198

Rectangle

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

175, 127, 195

214, 114, 137

104, 158, 93

0, 164, 153

Sweetspot

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

175, 127, 195

245, 227, 252

127, 147, 195

123, 112, 128

0, 0, 0

128, 128, 128

Same Dimension

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

175, 127, 195

221, 146, 252

195, 127, 181

94, 87, 97

113, 0, 161

23, 0, 33

Inverse Universe

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

195, 127, 147

252, 146, 178

127, 195, 141

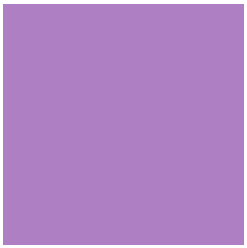
97, 87, 90

161, 0, 47

33, 0, 10

Previews

White Background

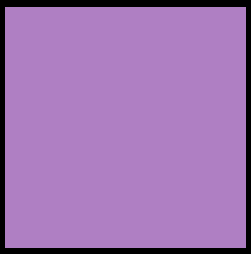


This preview shows how the RGB color 175, 127, 195 looks on a white background.

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



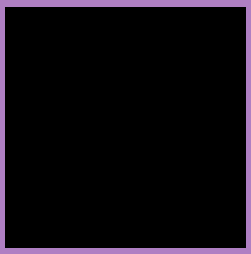
This preview shows how the RGB color 175, 127, 195 looks on a black background.

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 175, 127, 195 Background



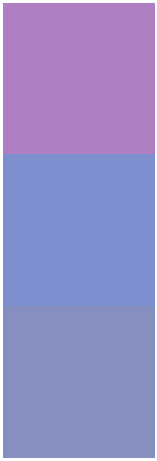
This preview shows how black text looks on a background with the RGB color 175, 127, 195.

This preview shows how white text looks on a background with the RGB color 175, 127, 195.

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



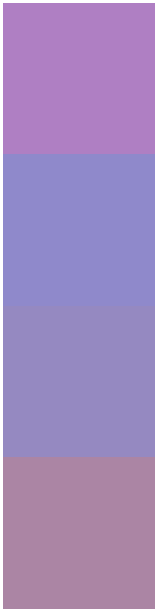
Original Color
175, 127, 195

Protanopia
125, 143, 207

Deuteranopia
134, 143, 192

Tritanopia
168, 137, 147

Trichromacy



Original Color
175, 127, 195

Protanomaly
143, 137, 203

Deuteranomaly
149, 137, 193

Tritanomaly
171, 133, 164

Monochromacy

Original Color
175, 127, 195

Achromatopsia
149, 149, 149

Achromatomaly
158, 141, 166

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 127, 195 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(175, 127, 195) looks like.

```
.text, #text, p{
    color:rgb(175, 127, 195)
}
```

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(175, 127, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 127, 195) }
```

Border

The CSS property to change the border of an element to RGB 175, 127, 195 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(175, 127, 195) }
```

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

```
.border{ border-color:rgb(175, 127, 195) }
```

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

Here you see how a box with a 4 pixel rgb(175, 127, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 127, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 127, 195); box-shadow:4px 4px 4px 4px rgb(175, 127, 195) }
```

Background

The CSS property to change the background color of an element to RGB 175, 127, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(175, 127, 195) }
```

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

```
.background{ background-color:rgb(175,
127, 195) }
```

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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