Converting Colors

RGB(177, 124, 182)

Have a look what the booklet for RGB(177, 124, 182) contains.

Color

RGB(177, 124, 182)

Conversions

Conversions Part 1

Format	Color
Hex	B17CB6
RGB	177, 124, 182
RGB Percent	69%, 49%, 71%
CMY	0.3059, 0.5137, 0.2863
CMYK	0.03, 0.32, 0.00, 0.29
HSL	295°, 28%, 60%
HSV	295°, 32%, 71%
XYZ	33.7826, 27.1398, 47.7139
YIQ	146.4590, 12.9700, 29.2740

Conversions

Conversions Part 2

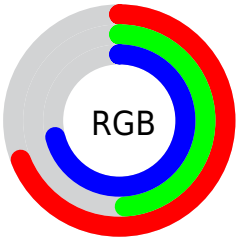
Format	Color
RYB	177, 124, 182
Decimal	11631798
CIELab	59.10, 30.46, -22.42
CIELCh	59, 37.820, 323.638
Yxy	27.1398, 0.3110, 0.2498
Android (android.graphics.Color)	4289821878 (0xFFB17CB6)
YUV	146.4590, 17.5217, 26.7845
Hunter-Lab	52.0959, 24.5841, -17.8358

Details

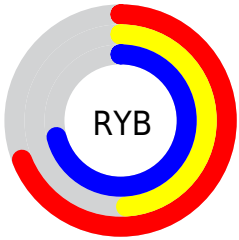
The RGB color 177, 124, 182 is a light color, and the websafe version is hex 996699. A complement of this color would be 129, 182, 124, and the grayscale version is 146, 146, 146.

A 20% lighter version of the original color is 233, 177, 238, and 123, 74, 129 is the 20% darker color. If you saturate the color by 10%, you get 175, 106, 182, and if you desaturate by 10%, it is 179, 142, 182.

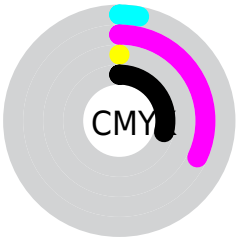
Distribution



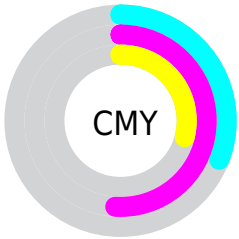
- Red (69%)
- Green (49%)
- Blue (71%)



- Red (69%)
- Yellow (49%)
- Blue (71%)



- Cyan (3%)
- Magenta (32%)
- Yellow (0%)
- Black (29%)



- Cyan (31%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 124, 182 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 177, 124, 182 by changing the saturation by 10% instead.

177, 124, 182

255, 255, 255

233, 177, 238

255, 205, 255

255, 233, 255

177, 124, 182

150, 99, 155

123, 74, 129

98, 50, 104

73, 27, 79

49, 3, 56

30, 0, 35

0, 0, 9

0, 0, 0

177, 124, 182

177, 124, 182

175, 106, 182

174, 88, 182

172, 69, 182

171, 51, 182

169, 33, 182

168, 15, 182

166, 0, 182

179, 142, 182

180, 160, 182

182, 179, 182

183, 197, 182

185, 215, 182

186, 233, 182

188, 251, 182

190, 255, 182

191, 255, 182

Harmonies

Analogous

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

135, 136, 203

177, 124, 182

201, 116, 151

Triad

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

177, 124, 182

169, 138, 75

0, 159, 168

Complementary

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

177, 124, 182

129, 182, 124

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, 159, 134

177, 124, 182

137, 148, 80

Square

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

177, 124, 182

194, 126, 90

98, 156, 102

0, 156, 195

Rectangle

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

177, 124, 182

206, 116, 128

98, 156, 102

0, 160, 157

Sweetspot

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

177, 124, 182

235, 213, 237

124, 130, 182

119, 105, 120

247, 247, 247

120, 120, 120

Same Dimension

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

177, 124, 182

229, 147, 237

182, 124, 159

91, 83, 92

142, 0, 156

26, 0, 28

Inverse Universe

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

182, 124, 129

237, 147, 155

124, 182, 147

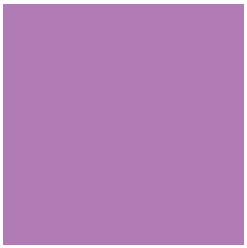
92, 83, 83

156, 0, 13

28, 0, 2

Previews

White Background

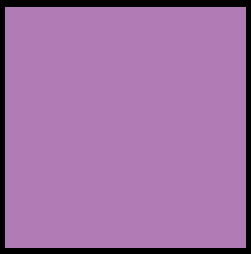


This preview shows how the RGB color 177, 124, 182 looks on a white background.

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



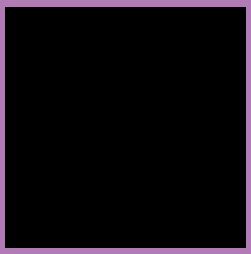
This preview shows how the RGB color 177, 124, 182 looks on a black background.

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 177, 124, 182 Background



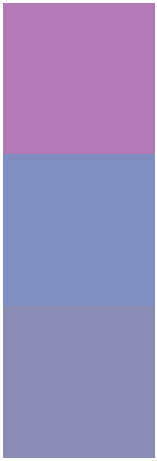
This preview shows how black text looks on a background with the RGB color 177, 124, 182.

This preview shows how white text looks on a background with the RGB color 177, 124, 182.

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



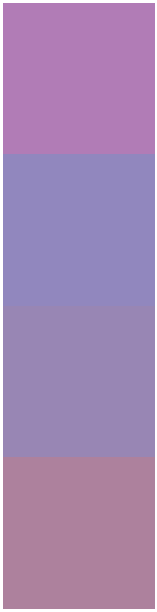
Original Color
177, 124, 182

Protanopia
127, 141, 194

Deuteranopia
138, 140, 179

Tritanopia
171, 132, 142

Trichromacy



Original Color
177, 124, 182

Protanomaly
145, 135, 190

Deuteranomaly
152, 134, 180

Tritanomaly
173, 129, 157

Monochromacy

Original Color
177, 124, 182

Achromatopsia
146, 146, 146

Achromatomaly
157, 138, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 124, 182 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(177, 124, 182) looks like.

```
.text, #text, p{
    color:rgb(177, 124, 182)
}
```

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(177, 124, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 124, 182) }
```

Border

The CSS property to change the border of an element to RGB 177, 124, 182 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(177, 124, 182) }
```

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

```
.border{ border-color:rgb(177, 124, 182) }
```

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

Here you see how a box with a 4 pixel rgb(177, 124, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 124, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 124, 182); box-shadow:4px 4px 4px 4px rgb(177, 124, 182) }
```

Background

The CSS property to change the background color of an element to RGB 177, 124, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(177, 124, 182) }
```

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

```
.background{ background-color:rgb(177,
124, 182) }
```

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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