Converting Colors

RGB(177, 164, 230)

Have a look what the booklet for RGB(177, 164, 230) contains.

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Color

RGB(177, 164, 230)

Conversions

Conversions Part 1

Format	Color
Hex	B1A4E6
RGB	177, 164, 230
RGB Percent	69%, 64%, 90%
CMY	0.3059, 0.3569, 0.0980
CMYK	0.23, 0.29, 0.00, 0.10
HSL	252°, 57%, 77%
HSV	252°, 29%, 90%
XYZ	45.6898, 41.6112, 80.4866
YIQ	175.4110, -13.4380, 23.2820

Conversions

Conversions Part 2

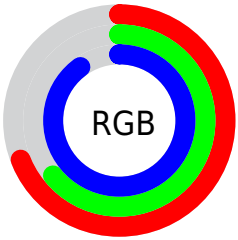
Format	Color
RYB	177, 164, 230
Decimal	11642086
CIELab	70.60, 18.39, -31.52
CIELCh	71, 36.496, 300.266
Yxy	41.6112, 0.2723, 0.2480
Android (android.graphics.Color)	4289832166 (0xFFB1A4E6)
YUV	175.4110, 26.9124, 1.3936
Hunter-Lab	64.5067, 13.5440, -28.8228

Details

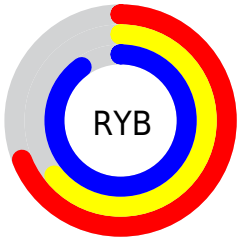
The RGB color 177, 164, 230 is a light color, and the websafe version is hex 9999CC. A complement of this color would be 217, 230, 164, and the grayscale version is 175, 175, 175.

A 20% lighter version of the original color is 233, 219, 255, and 123, 112, 174 is the 20% darker color. If you saturate the color by 10%, you get 159, 141, 230, and if you desaturate by 10%, it is 195, 187, 230.

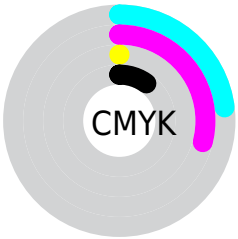
Distribution



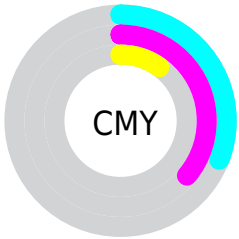
- Red (69%)
- Green (64%)
- Blue (90%)



- Red (69%)
- Yellow (64%)
- Blue (90%)



- Cyan (23%)
- Magenta (29%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (36%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 164, 230 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, 164, 230 by changing the saturation by 10% instead.

177, 164, 230

255, 255, 255

233, 219, 255

255, 247, 255

177, 164, 230

150, 138, 202

123, 112, 174

97, 88, 147

72, 64, 121

47, 42, 96

22, 22, 72

3, 0, 50

0, 1, 28

0, 0, 0

177, 164, 230

159, 141, 230

140, 118, 230

122, 95, 230

103, 72, 230

85, 49, 230

66, 26, 230

48, 3, 230

45, 0, 230

177, 164, 230

195, 187, 230

214, 210, 230

232, 233, 230

251, 255, 230

255, 255, 230

Harmonies

Analogous

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

126, 176, 239

177, 164, 230

215, 153, 206

Triad

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

177, 164, 230

222, 159, 116

77, 191, 172

Complementary

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

177, 164, 230

217, 230, 164

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.

120, 187, 139

177, 164, 230

195, 171, 106

Square

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

177, 164, 230

236, 150, 141

160, 181, 114

43, 190, 205

Rectangle

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

177, 164, 230

230, 148, 185

160, 181, 114

92, 190, 160

Sweetspot

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

177, 164, 230

237, 232, 255

164, 218, 230

116, 113, 128

0, 0, 0

128, 128, 128

Same Dimension

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

177, 164, 230

185, 168, 255

209, 164, 230

106, 103, 115

35, 0, 179

10, 0, 51

Inverse Universe

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

230, 164, 217

255, 168, 238

185, 230, 164

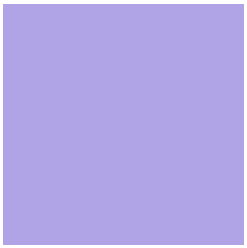
115, 103, 112

179, 0, 143

51, 0, 41

Previews

White Background

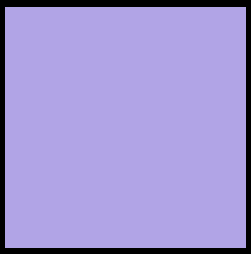


This preview shows how the RGB color 177, 164, 230 looks on a white background.

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



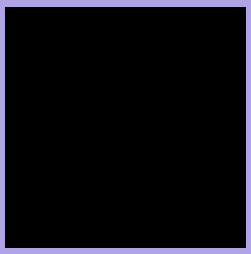
This preview shows how the RGB color 177, 164, 230 looks on a black background.

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 177, 164, 230 Background



This preview shows how black text looks on a background with the RGB color 177, 164, 230.

This preview shows how white text looks on a background with the RGB color 177, 164, 230.

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

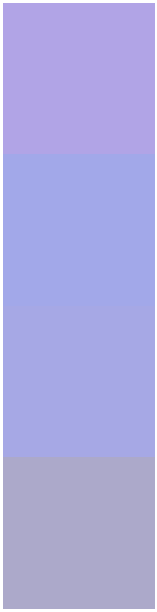
Original Color
177, 164, 230

Protanopia
154, 170, 235

Deuteranopia
159, 170, 229

Tritanopia
169, 172, 186

Trichromacy



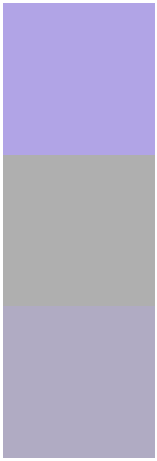
Original Color
177, 164, 230

Protanomaly
162, 168, 233

Deuteranomaly
166, 168, 229

Tritanomaly
172, 169, 202

Monochromacy



Original Color
177, 164, 230

Achromatopsia
175, 175, 175

Achromatomaly
176, 171, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 164, 230 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, 164, 230) looks like.

```
.text, #text, p{
    color:rgb(177, 164, 230)
}
```

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, 164, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 230) }
```

Border

The CSS property to change the border of an element to RGB 177, 164, 230 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, 164, 230) }
```

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

```
.border{ border-color:rgb(177, 164, 230) }
```

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

Here you see how a box with a 4 pixel rgb(177, 164, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 164, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 164, 230); box-shadow:4px 4px 4px 4px rgb(177, 164, 230) }
```

Background

The CSS property to change the background color of an element to RGB 177, 164, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(177, 164, 230) }
```

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

```
.background{ background-color:rgb(177,
164, 230) }
```

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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