Converting Colors

RGB(176, 180, 230)

Have a look what the booklet for RGB(176, 180, 230) contains.

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Color

RGB(176, 180, 230)

Conversions

Conversions Part 1

Format	Color
Hex	B0B4E6
RGB	176, 180, 230
RGB Percent	69%, 71%, 90%
CMY	0.3098, 0.2941, 0.0980
CMYK	0.23, 0.22, 0.00, 0.10
HSL	236°, 52%, 80%
HSV	236°, 23%, 90%
XYZ	48.5087, 47.5858, 81.4912
YIQ	184.5040, -18.4340, 14.7020

Conversions

Conversions Part 2

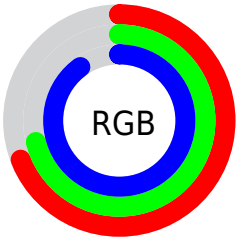
Format	Color
RYB	176, 180, 230
Decimal	11580646
CIELab	74.56, 9.22, -25.44
CIELCh	75, 27.060, 289.913
Yxy	47.5858, 0.2732, 0.2680
Android (android.graphics.Color)	4289770726 (0xFFB0B4E6)
YUV	184.5040, 22.4295, -7.4580
Hunter-Lab	68.9825, 4.8025, -21.7535

Details

The RGB color 176, 180, 230 is a light color, and the websafe version is hex CCCCFF. A complement of this color would be 230, 226, 176, and the grayscale version is 184, 184, 184.

A 20% lighter version of the original color is 232, 236, 255, and 122, 127, 174 is the 20% darker color. If you saturate the color by 10%, you get 153, 159, 230, and if you desaturate by 10%, it is 199, 201, 230.

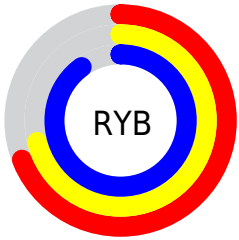
Distribution



Red (69%)

Green (71%)

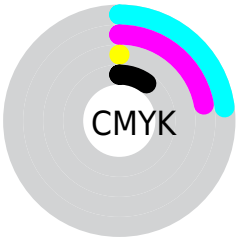
Blue (90%)



Red (69%)

Yellow (71%)

Blue (90%)

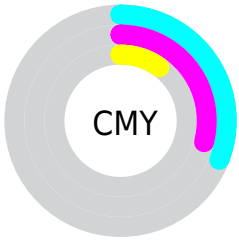


Cyan (23%)

Magenta (22%)

Yellow (0%)

Black (10%)



Cyan (31%)

Magenta (29%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 180, 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 176, 180, 230 by changing the saturation by 10% instead.

176, 180, 230

255, 255, 255

232, 236, 255

176, 180, 230

149, 153, 202

122, 127, 174

97, 102, 148

72, 78, 122

48, 56, 97

23, 34, 73

0, 13, 50

0, 2, 29

0, 0, 0

176, 180, 230

153, 159, 230

130, 137, 230

107, 116, 230

84, 95, 230

61, 74, 230

38, 52, 230

15, 31, 230

0, 17, 230

176, 180, 230

199, 201, 230

222, 223, 230

245, 244, 230

255, 255, 230

Harmonies

Analogous

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

141, 188, 232

176, 180, 230

207, 172, 216

Triad

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

176, 180, 230

227, 171, 146

129, 197, 174

Complementary

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

176, 180, 230

230, 226, 176

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.

156, 193, 151

176, 180, 230

209, 179, 135

Square

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

176, 180, 230

234, 166, 168

184, 187, 136

111, 197, 199

Rectangle

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

176, 180, 230

222, 167, 201

184, 187, 136

137, 196, 166

Sweetspot

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

176, 180, 230

237, 238, 255

176, 230, 226

117, 118, 128

0, 0, 0

128, 128, 128

Same Dimension

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

176, 180, 230

184, 189, 255

199, 176, 230

103, 104, 115

0, 13, 179

0, 4, 51

Inverse Universe

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

230, 176, 180

255, 184, 189

208, 230, 176

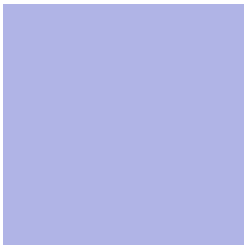
115, 103, 104

179, 0, 13

51, 0, 4

Previews

White Background

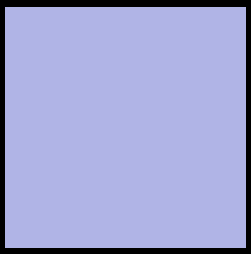


This preview shows how the RGB color 176, 180, 230 looks on a white background.

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



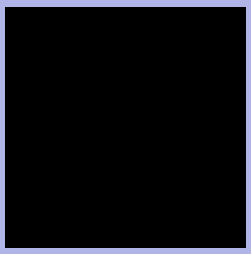
This preview shows how the RGB color 176, 180, 230 looks on a black background.

Color Contrast Check

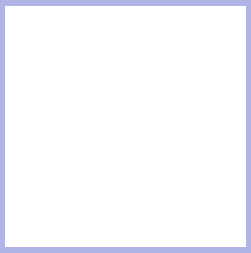
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 176, 180, 230 Background



This preview shows how black text looks on a background with the RGB color 176, 180, 230.



This preview shows how white text looks on a background with the RGB color 176, 180, 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

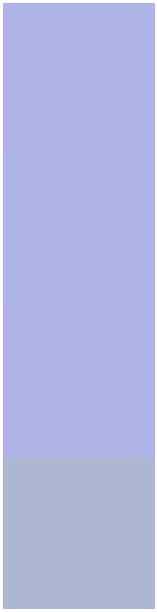
Original Color
176, 180, 230

Protanopia
171, 181, 231

Deuteranopia
177, 180, 230

Tritanopia
170, 185, 200

Trichromacy



Original Color
176, 180, 230

Protanomaly
173, 181, 231

Deuteranomaly
177, 180, 230

Tritanomaly
172, 183, 211

Monochromacy

Original Color
176, 180, 230

Achromatopsia
185, 185, 185

Achromatomaly
182, 183, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 180, 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(176, 180, 230) looks like.

```
.text, #text, p{
    color:rgb(176, 180, 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(176, 180, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 180, 230) }
```

Border

The CSS property to change the border of an element to RGB 176, 180, 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(176, 180, 230) }
```

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

```
.border{ border-color:rgb(176, 180, 230) }
```

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

Here you see how a box with a 4 pixel rgb(176, 180, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 180, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 180, 230); box-shadow:4px 4px 4px 4px rgb(176, 180, 230) }
```

Background

The CSS property to change the background color of an element to RGB 176, 180, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(176, 180, 230) }
```

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

```
.background{ background-color:rgb(176,
180, 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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