Converting Colors

RGB(177, 182, 225)

Have a look what the booklet for RGB(177, 182, 225) contains.

Color

RGB(177, 182, 225)

Conversions

Conversions Part 1

Format	Color
Hex	B1B6E1
RGB	177, 182, 225
RGB Percent	69%, 71%, 88%
CMY	0.3059, 0.2863, 0.1176
CMYK	0.21, 0.19, 0.00, 0.12
HSL	234°, 44%, 79%
HSV	234°, 21%, 88%
XYZ	48.4500, 48.2393, 77.9917
YIQ	185.4070, -16.7830, 12.3130

Conversions

Conversions Part 2

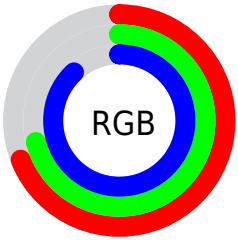
Format	Color
RYB	177, 182, 225
Decimal	11646689
CIELab	74.98, 7.28, -22.09
CIELCh	75, 23.261, 288.230
Yxy	48.2393, 0.2774, 0.2762
Android (android.graphics.Color)	4289836769 (0xFFB1B6E1)
YUV	185.4070, 19.5193, -7.3729
Hunter-Lab	69.4545, 2.9726, -17.9597

Details

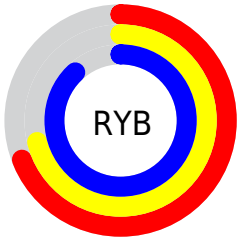
The RGB color 177, 182, 225 is a light color, and the websafe version is hex CCCCFF. A complement of this color would be 225, 220, 177, and the grayscale version is 185, 185, 185.

A 20% lighter version of the original color is 233, 238, 255, and 124, 129, 170 is the 20% darker color. If you saturate the color by 10%, you get 155, 162, 225, and if you desaturate by 10%, it is 199, 202, 225.

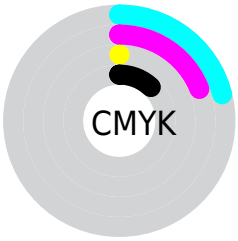
Distribution



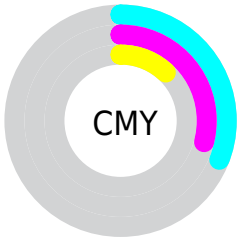
- Red (69%)
- Green (71%)
- Blue (88%)



- Red (69%)
- Yellow (71%)
- Blue (88%)



- Cyan (21%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 182, 225 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, 182, 225 by changing the saturation by 10% instead.

177, 182, 225

255, 255, 255

233, 238, 255

177, 182, 225

150, 155, 197

124, 129, 170

98, 104, 143

73, 80, 117

50, 57, 93

26, 36, 69

3, 15, 46

0, 1, 25

0, 0, 0

177, 182, 225

155, 162, 225

132, 142, 225

110, 122, 225

87, 101, 225

64, 81, 225

42, 61, 225

19, 41, 225

0, 23, 225

177, 182, 225

199, 202, 225

222, 222, 225

244, 242, 225

255, 255, 225

Harmonies

Analogous

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

148, 189, 226

177, 182, 225

204, 175, 213

Triad

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

177, 182, 225

224, 174, 154

140, 196, 175

Complementary

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

177, 182, 225

225, 220, 177

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.

163, 193, 156

177, 182, 225

209, 180, 143

Square

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

177, 182, 225

229, 170, 172

187, 187, 144

126, 197, 197

Rectangle

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

177, 182, 225

217, 171, 201

187, 187, 144

147, 195, 168

Sweetspot

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

177, 182, 225

240, 241, 255

177, 225, 219

119, 120, 128

0, 0, 0

128, 128, 128

Same Dimension

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

177, 182, 225

189, 196, 255

195, 177, 225

101, 102, 112

0, 18, 176

0, 5, 48

Inverse Universe

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

225, 177, 182

255, 189, 196

207, 225, 177

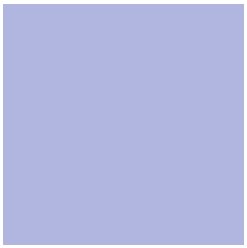
112, 101, 102

176, 0, 18

48, 0, 5

Previews

White Background

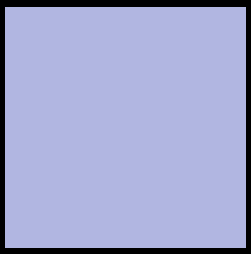


This preview shows how the RGB color 177, 182, 225 looks on a white background.

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



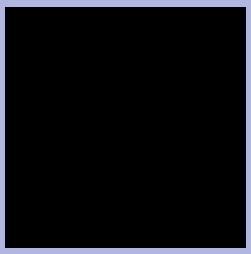
This preview shows how the RGB color 177, 182, 225 looks on a black background.

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, 182, 225 Background



This preview shows how black text looks on a background with the RGB color 177, 182, 225.

This preview shows how white text looks on a background with the RGB color 177, 182, 225.

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

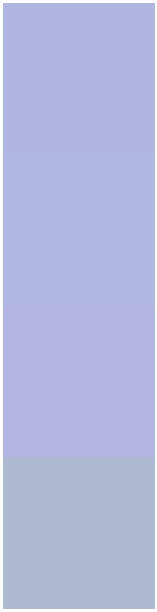
Original Color
177, 182, 225

Protanopia
175, 183, 225

Deuteranopia
182, 180, 225

Tritanopia
172, 186, 201

Trichromacy



Original Color
177, 182, 225

Protanomaly
176, 183, 225

Deuteranomaly
180, 181, 225

Tritanomaly
174, 185, 210

Monochromacy

Original Color
177, 182, 225

Achromatopsia
185, 185, 185

Achromatomaly
182, 184, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 182, 225 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, 182, 225) looks like.

```
.text, #text, p{
    color:rgb(177, 182, 225)
}
```

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, 182, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 182, 225) }
```

Border

The CSS property to change the border of an element to RGB 177, 182, 225 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, 182, 225) }
```

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

```
.border{ border-color:rgb(177, 182, 225) }
```

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

Here you see how a box with a 4 pixel rgb(177, 182, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 182, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 182, 225); box-shadow:4px 4px 4px 4px rgb(177, 182, 225) }
```

Background

The CSS property to change the background color of an element to RGB 177, 182, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(177, 182, 225) }
```

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

```
.background{ background-color:rgb(177,
182, 225) }
```

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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