Converting Colors

RGB(177, 182, 237)

Have a look what the booklet for RGB(177, 182, 237) contains.

Color

RGB(177, 182, 237)

Conversions

Conversions Part 1

Format	Color
Hex	B1B6ED
RGB	177, 182, 237
RGB Percent	69%, 71%, 93%
CMY	0.3059, 0.2863, 0.0706
CMYK	0.25, 0.23, 0.00, 0.07
HSL	235°, 63%, 81%
HSV	235°, 25%, 93%
XYZ	50.1455, 48.9174, 86.9198
YIQ	186.7750, -20.6350, 16.0450

Conversions

Conversions Part 2

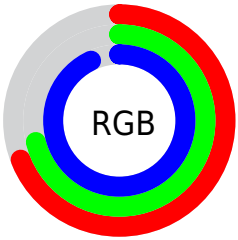
Format	Color
RYB	177, 182, 237
Decimal	11646701
CIELab	75.40, 10.05, -27.94
CIELCh	75, 29.698, 289.786
Yxy	48.9174, 0.2696, 0.2630
Android (android.graphics.Color)	4289836781 (0xFFB1B6ED)
YUV	186.7750, 24.7609, -8.5727
Hunter-Lab	69.9410, 5.5821, -24.7245

Details

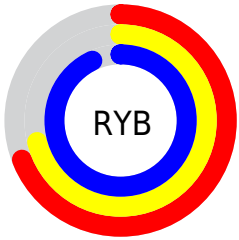
The RGB color 177, 182, 237 is a light color, and the websafe version is hex CCCCFF. A complement of this color would be 237, 232, 177, and the grayscale version is 187, 187, 187.

A 20% lighter version of the original color is 233, 238, 255, and 123, 129, 181 is the 20% darker color. If you saturate the color by 10%, you get 153, 160, 237, and if you desaturate by 10%, it is 201, 204, 237.

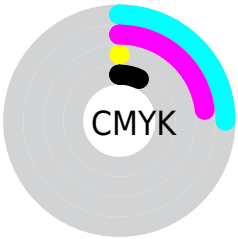
Distribution



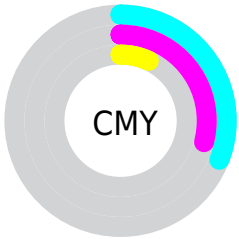
- Red (69%)
- Green (71%)
- Blue (93%)



- Red (69%)
- Yellow (71%)
- Blue (93%)



- Cyan (25%)
- Magenta (23%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 182, 237 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, 237 by changing the saturation by 10% instead.

177, 182, 237

255, 255, 255

233, 238, 255

177, 182, 237

150, 155, 209

123, 129, 181

97, 104, 154

72, 80, 128

47, 57, 103

21, 36, 78

0, 15, 55

0, 2, 33

0, 0, 7

177, 182, 237

153, 160, 237

130, 139, 237

106, 117, 237

82, 95, 237

58, 73, 237

35, 52, 237

11, 30, 237

0, 20, 237

177, 182, 237

201, 204, 237

224, 225, 237

248, 247, 237

255, 255, 237

Harmonies

Analogous

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

138, 191, 239

177, 182, 237

212, 173, 221

Triad

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

177, 182, 237

234, 172, 145

125, 200, 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, 237

237, 232, 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.

155, 197, 150

177, 182, 237

214, 181, 132

Square

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

177, 182, 237

241, 166, 168

187, 190, 134

103, 201, 203

Rectangle

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

177, 182, 237

228, 168, 205

187, 190, 134

134, 199, 166

Sweetspot

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

177, 182, 237

235, 236, 255

177, 237, 232

115, 116, 128

0, 0, 0

128, 128, 128

Same Dimension

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

177, 182, 237

179, 185, 255

202, 177, 237

106, 107, 117

0, 15, 181

0, 4, 54

Inverse Universe

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

237, 177, 182

255, 179, 185

212, 237, 177

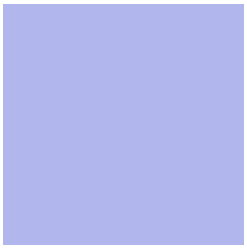
117, 106, 107

181, 0, 15

54, 0, 4

Previews

White Background

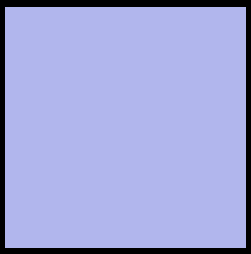


This preview shows how the RGB color 177, 182, 237 looks on a white background.

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



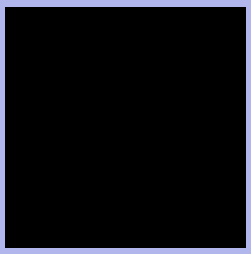
This preview shows how the RGB color 177, 182, 237 looks on a black background.

Color Contrast Check

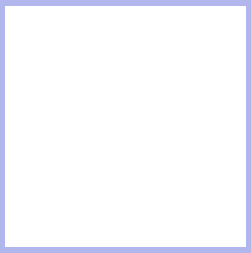
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 177, 182, 237 Background



This preview shows how black text looks on a background with the RGB color 177, 182, 237.



This preview shows how white text looks on a background with the RGB color 177, 182, 237.

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

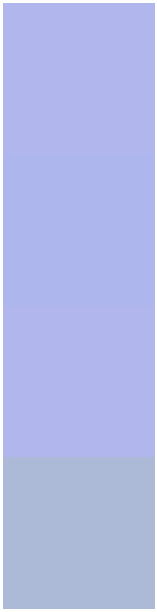
Original Color
177, 182, 237

Protanopia
171, 183, 238

Deuteranopia
177, 182, 237

Tritanopia
170, 188, 203

Trichromacy



Original Color
177, 182, 237

Protanomaly
173, 183, 238

Deuteranomaly
177, 182, 237

Tritanomaly
173, 186, 215

Monochromacy

Original Color
177, 182, 237

Achromatopsia
187, 187, 187

Achromatomaly
183, 185, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 182, 237 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, 237) looks like.

```
.text, #text, p{
    color:rgb(177, 182, 237)
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 182, 237) }
```

Border

The CSS property to change the border of an element to RGB 177, 182, 237 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, 237) }
```

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

```
.border{ border-color:rgb(177, 182, 237) }
```

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, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 182, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 182, 237); box-shadow:4px 4px 4px 4px rgb(177, 182, 237) }
```

Background

The CSS property to change the background color of an element to RGB 177, 182, 237 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, 237) }
```

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

```
.background{ background-color:rgb(177,
182, 237) }
```

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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