Converting Colors

RGB(176, 173, 240)

Have a look what the booklet for RGB(176, 173, 240) contains.

Color

RGB(176, 173, 240)

Conversions

Conversions Part 1

Format	Color
Hex	B0ADF0
RGB	176, 173, 240
RGB Percent	69%, 68%, 94%
CMY	0.3098, 0.3216, 0.0588
CMYK	0.27, 0.28, 0.00, 0.06
HSL	243°, 69%, 81%
HSV	243°, 28%, 94%
XYZ	48.5762, 45.4085, 88.6426
YIQ	181.5350, -19.7190, 21.4730

Conversions

Conversions Part 2

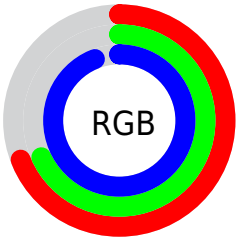
Format	Color
RYB	176, 173, 240
Decimal	11578864
CIELab	73.16, 15.45, -33.02
CIELCh	73, 36.459, 295.070
Yxy	45.4085, 0.2660, 0.2486
Android (android.graphics.Color)	4289768944 (0xFFB0ADF0)
YUV	181.5350, 28.8232, -4.8542
Hunter-Lab	67.3858, 10.7496, -30.8228

Details

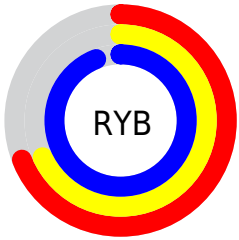
The RGB color 176, 173, 240 is a light color, and the websafe version is hex 9999CC. A complement of this color would be 237, 240, 173, and the grayscale version is 181, 181, 181.

A 20% lighter version of the original color is 233, 228, 255, and 122, 121, 184 is the 20% darker color. If you saturate the color by 10%, you get 153, 149, 240, and if you desaturate by 10%, it is 199, 197, 240.

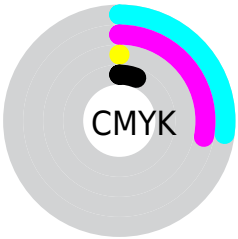
Distribution



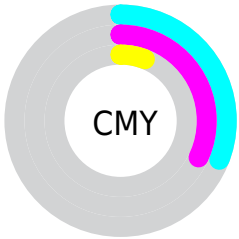
- Red (69%)
- Green (68%)
- Blue (94%)



- Red (69%)
- Yellow (68%)
- Blue (94%)



- Cyan (27%)
- Magenta (28%)
- Yellow (0%)
- Black (6%)



- Cyan (31%)
- Magenta (32%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 176, 173, 240 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, 173, 240 by changing the saturation by 10% instead.

176, 173, 240

255, 255, 255

233, 228, 255

176, 173, 240

149, 146, 212

122, 121, 184

96, 96, 157

70, 72, 130

45, 50, 105

17, 29, 80

0, 4, 57

0, 2, 35

0, 0, 10

176, 173, 240

153, 149, 240

130, 125, 240

107, 101, 240

84, 77, 240

61, 53, 240

38, 29, 240

16, 5, 240

11, 0, 240

176, 173, 240

199, 197, 240

222, 221, 240

245, 245, 240

255, 255, 240

Harmonies

Analogous

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

124, 185, 246

176, 173, 240

217, 161, 218

Triad

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

176, 173, 240

233, 164, 126

93, 197, 173

Complementary

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

176, 173, 240

237, 240, 173

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.

134, 194, 140

176, 173, 240

207, 176, 113

Square

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

176, 173, 240

245, 156, 153

173, 186, 118

57, 197, 207

Rectangle

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

176, 173, 240

235, 156, 198

173, 186, 118

107, 197, 161

Sweetspot

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

176, 173, 240

236, 235, 255

173, 238, 240

115, 115, 128

0, 0, 0

128, 128, 128

Same Dimension

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

176, 173, 240

172, 168, 255

209, 173, 240

108, 108, 120

8, 0, 184

3, 0, 56

Inverse Universe

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

240, 173, 237

255, 168, 251

204, 240, 173

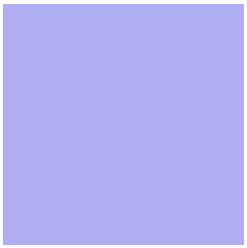
120, 108, 119

184, 0, 175

56, 0, 54

Previews

White Background

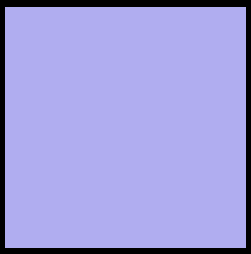


This preview shows how the RGB color 176, 173, 240 looks on a white background.

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



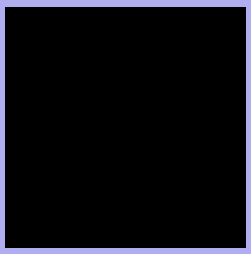
This preview shows how the RGB color 176, 173, 240 looks on a black background.

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, 173, 240 Background



This preview shows how black text looks on a background with the RGB color 176, 173, 240.

This preview shows how white text looks on a background with the RGB color 176, 173, 240.

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

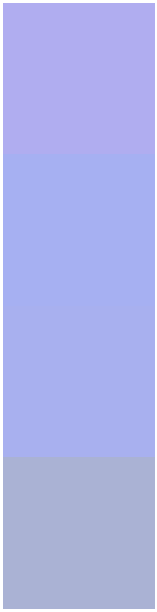
Original Color
176, 173, 240

Protanopia
160, 177, 243

Deuteranopia
164, 177, 239

Tritanopia
167, 181, 196

Trichromacy



Original Color
176, 173, 240

Protanomaly
166, 176, 242

Deuteranomaly
168, 176, 239

Tritanomaly
170, 178, 212

Monochromacy

Original Color
176, 173, 240

Achromatopsia
182, 182, 182

Achromatomaly
180, 179, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 173, 240 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, 173, 240) looks like.

```
.text, #text, p{
    color:rgb(176, 173, 240)
}
```

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, 173, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 240) }
```

Border

The CSS property to change the border of an element to RGB 176, 173, 240 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, 173, 240) }
```

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

```
.border{ border-color:rgb(176, 173, 240) }
```

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

Here you see how a box with a 4 pixel rgb(176, 173, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 173, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 173, 240); box-shadow:4px 4px 4px 4px rgb(176, 173, 240) }
```

Background

The CSS property to change the background color of an element to RGB 176, 173, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(176, 173, 240) }
```

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

```
.background{ background-color:rgb(176,
173, 240) }
```

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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