

Converting Colors

RGB(178, 175, 229)

Have a look what the booklet for
RGB(178, 175, 229) contains.

RGB(178, 175, 229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(178, 175, 229)

Conversions

Conversions Part 1

Format	Color
Hex	B2AFE5
RGB	178, 175, 229
RGB Percent	70%, 69%, 90%
CMY	0.3020, 0.3137, 0.1020
CMYK	0.22, 0.24, 0.00, 0.10
HSL	243°, 51%, 79%
HSV	243°, 24%, 90%
XYZ	47.8329, 45.7821, 80.4445
YIQ	182.0530, -15.5460, 17.4300

Conversions

Conversions Part 2

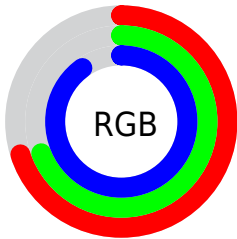
Format	Color
RYB	178, 175, 229
Decimal	11710437
CIELab	73.40, 12.35, -26.66
CIELCh	73, 29.380, 294.852
Yxy	45.7821, 0.2748, 0.2630
Android (android.graphics.Color)	4289900517 (0xFFB2AFE5)
YUV	182.0530, 23.1449, -3.5545
Hunter-Lab	67.6624, 7.7786, -23.1267

Details

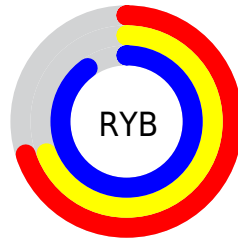
The RGB color **178, 175, 229** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **226, 229, 175**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **234, 230, 255**, and **124, 123, 173** is the 20% darker color. If you saturate the color by 10%, you get **156, 152, 229**, and if you desaturate by 10%, it is **200, 198, 229**.

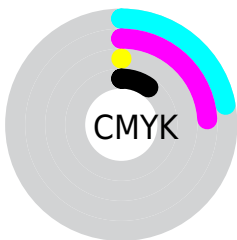
Distribution



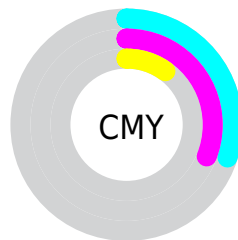
- Red (70%)
- Green (69%)
- Blue (90%)



- Red (70%)
- Yellow (69%)
- Blue (90%)



- Cyan (22%)
- Magenta (24%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 175, 229 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 178, 175, 229 by changing the saturation by 10% instead.

■ 178, 175, 229

255, 255, 255

■ 234, 230, 255

■ 178, 175, 229

■ 151, 148, 201

■ 124, 123, 173

■ 99, 98, 147

■ 74, 74, 121

■ 50, 52, 96

■ 25, 31, 72

■ 3, 6, 49

■ 0, 1, 28

■ 0, 0, 0

■ 178, 175, 229

■ 178, 175, 229

■ 156, 152, 229

■ 200, 198, 229

■ 135, 129, 229

■ 221, 221, 229

■ 113, 106, 229

■ 243, 244, 229

■ 91, 83, 229

■ 255, 255, 229

■ 70, 60, 229

■ 48, 38, 229

■ 27, 15, 229

■ 13, 0, 229

Harmonies

Analogous

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



139, 184, 233



178, 175, 229



210, 166, 212

Triad

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



178, 175, 229



225, 168, 137



115, 195, 175

Complementary

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



178, 175, 229



226, 229, 175

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.



145, 192, 149



178, 175, 229



204, 177, 127

Square

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



178, 175, 229



234, 162, 159



176, 186, 131



97, 195, 202

Rectangle

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



178, 175, 229



225, 162, 195



176, 186, 131



125, 194, 165

Sweetspot

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



178, 175, 229



238, 237, 255



175, 226, 229



118, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



178, 175, 229



188, 184, 255



205, 175, 229



104, 103, 115



10, 0, 179



3, 0, 51

Inverse Universe

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



229, 175, 226



255, 184, 251



199, 229, 175



115, 103, 114



179, 0, 169



51, 0, 48

Previews

White Background



This preview shows how the RGB color 178, 175, 229 looks on a white background.

Color Contrast Check

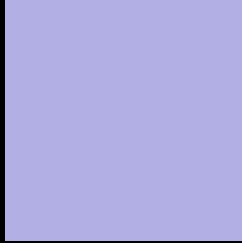
Large Text (above 18pt) WCAG AA × Fail

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 178, 175, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

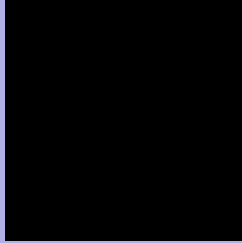
Any Text WCAG AA ✓ Pass

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 178, 175, 229 Background



This preview shows how black text looks on a background with the RGB color 178, 175, 229.



This preview shows how white text looks on a background with the RGB color 178, 175, 229.

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](#).

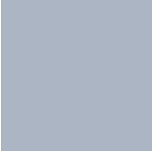
Dichromacy



Original Color
178, 175, 229

Protanopia
166, 178, 231

Deuteranopia
172, 177, 229



Tritanopia
172, 181, 195

Trichromacy



Original Color
178, 175, 229

Protanomaly
170, 177, 230

Deuteranomaly
174, 176, 229

Tritanomaly
174, 179, 207

Monochromacy



Original Color
178, 175, 229

Achromatopsia
182, 182, 182

Achromatomaly
181, 179, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 175, 229 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(178, 175, 229)` looks like.

```
.text, #text, p{  
    color:rgb(178, 175, 229)  
}
```

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(178, 175, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 175, 229) }
```

Border

The CSS property to change the border of an element to RGB 178, 175, 229 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(178, 175, 229) }
```

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

```
.border{ border-color:rgb(178, 175, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 175, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 175, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 175, 229);  
box-shadow:4px 4px 4px 4px rgb(178, 175,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 178, 175, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 175, 229) }
```

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

```
.background{ background-color: rgb(178,  
175, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor