

Converting Colors

RGB(180, 175, 207)

Have a look what the booklet for
RGB(180, 175, 207) contains.

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Color

RGB(180, 175, 207)

Conversions

Conversions Part 1

Format	Color
Hex	B4AFCF
RGB	180, 175, 207
RGB Percent	71%, 69%, 81%
CMY	0.2941, 0.3137, 0.1882
CMYK	0.13, 0.15, 0.00, 0.19
HSL	249°, 25%, 75%
HSV	249°, 15%, 81%
XYZ	45.4148, 44.8682, 65.2983
YIQ	180.1430, -7.2920, 11.0120

Conversions

Conversions Part 2

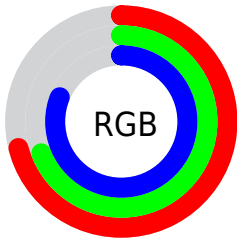
Format	Color
RYB	180, 175, 207
Decimal	11841487
CIELab	72.81, 8.11, -15.55
CIELCh	73, 17.536, 297.552
Yxy	44.8682, 0.2919, 0.2884
Android (android.graphics.Color)	4290031567 (0xFFB4AFCF)
YUV	180.1430, 13.2405, -0.1254
Hunter-Lab	66.9838, 3.8011, -10.9095

Details

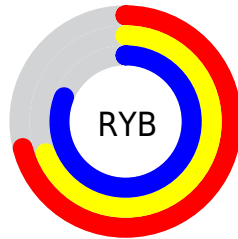
The RGB color **180, 175, 207** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **202, 207, 175**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **236, 231, 255**, and **127, 123, 153** is the 20% darker color. If you saturate the color by 10%, you get **163, 154, 207**, and if you desaturate by 10%, it is **197, 196, 207**.

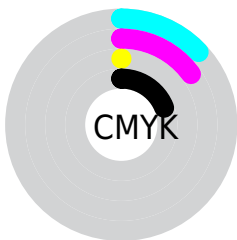
Distribution



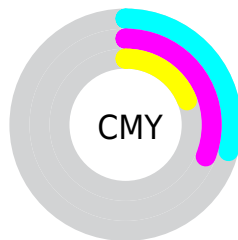
- Red (71%)
- Green (69%)
- Blue (81%)



- Red (71%)
- Yellow (69%)
- Blue (81%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 175, 207 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 180, 175, 207 by changing the saturation by 10% instead.

■ 180, 175, 207

255, 255, 255

■ 236, 231, 255

■ 180, 175, 207

■ 153, 148, 179

■ 127, 123, 153

■ 102, 98, 127

■ 78, 74, 102

■ 54, 51, 78

■ 32, 30, 55

■ 12, 6, 33

■ 0, 0, 8

■ 0, 0, 0

■ 180, 175, 207

■ 180, 175, 207

■ 163, 154, 207

■ 197, 196, 207

■ 145, 134, 207

■ 215, 216, 207

■ 128, 113, 207

■ 232, 237, 207

■ 110, 92, 207

■ 250, 255, 207

■ 93, 72, 207

■ 255, 255, 207

■ 75, 51, 207

■ 58, 30, 207

■ 40, 9, 207

■ 32, 0, 207

Harmonies

Analogous

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



159, 180, 210



180, 175, 207



198, 170, 196

Triad

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



180, 175, 207



206, 172, 152



142, 188, 177

Complementary

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



180, 175, 207



202, 207, 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.



157, 186, 161



180, 175, 207



193, 177, 147

Square

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



180, 175, 207



212, 168, 165



175, 182, 150



136, 188, 193

Rectangle

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



180, 175, 207



207, 168, 186



175, 182, 150



146, 188, 171

Sweetspot

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



180, 175, 207



244, 242, 255



175, 202, 207



121, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



180, 175, 207



214, 207, 255



196, 175, 207



96, 94, 105



26, 0, 168



6, 0, 41

Inverse Universe

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



207, 175, 202



255, 207, 247



186, 207, 175



105, 94, 103



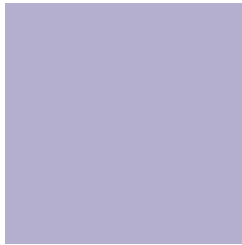
168, 0, 142



41, 0, 34

Previews

White Background



This preview shows how the RGB color 180, 175, 207 looks on a white background.

Color Contrast Check

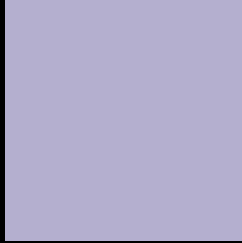
Large Text (above 18pt) WCAG AA × Fail

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 180, 175, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

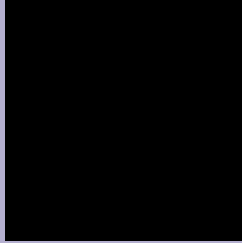
Any Text WCAG AA ✓ Pass

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 180, 175, 207 Background



This preview shows how black text looks on a background with the RGB color 180, 175, 207.



This preview shows how white text looks on a background with the RGB color 180, 175, 207.

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

180, 175, 207

Protanopia

173, 177, 208

Deuteranopia

182, 174, 207



Tritanopia
177, 178, 192

Trichromacy



Original Color

180, 175, 207

Protanomaly

176, 176, 208

Deuteranomaly

181, 174, 207

Tritanomaly

178, 177, 197

Monochromacy



Original Color

180, 175, 207

Achromatopsia

180, 180, 180

Achromatomaly

180, 178, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 175, 207 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(180, 175, 207) looks like.

```
.text, #text, p{  
    color:rgb(180, 175, 207)  
}
```

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(180, 175, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 175, 207) }
```

Border

The CSS property to change the border of an element to RGB 180, 175, 207 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(180, 175, 207) }
```

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

```
.border{ border-color:rgb(180, 175, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 175, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 175, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 175, 207);  
box-shadow:4px 4px 4px 4px rgb(180, 175,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 180, 175, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 175, 207) }
```

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

```
.background{ background-color: rgb(180,  
175, 207) }
```

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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