Converting Colors

RGB(175, 158, 197)

Have a look what the booklet for RGB(175, 158, 197) contains.

Color

RGB(175, 158, 197)

Conversions

Conversions Part 1

Format	Color
Hex	AF9EC5
RGB	175, 158, 197
RGB Percent	69%, 62%, 77%
CMY	0.3137, 0.3804, 0.2275
CMYK	0.11, 0.20, 0.00, 0.23
HSL	266°, 25%, 70%
HSV	266°, 20%, 77%
XYZ	39.9841, 37.5989, 57.9732
YIQ	167.5290, -2.3870, 15.7330

Conversions

Conversions Part 2

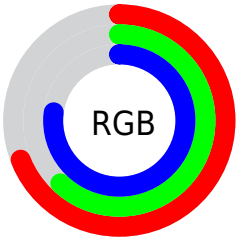
Format	Color
RYB	175, 158, 197
Decimal	11509445
CIELab	67.72, 13.77, -17.75
CIELCh	68, 22.462, 307.796
Yxy	37.5989, 0.2950, 0.2774
Android (android.graphics.Color)	4289699525 (0xFFAF9EC5)
YUV	167.5290, 14.5292, 6.5521
Hunter-Lab	61.3179, 9.0896, -13.1334

Details

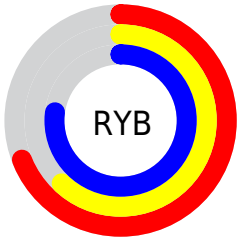
The RGB color 175, 158, 197 is a light color, and the websafe version is hex 9999CC. A complement of this color would be 180, 197, 158, and the grayscale version is 167, 167, 167.

A 20% lighter version of the original color is 231, 213, 254, and 122, 107, 143 is the 20% darker color. If you saturate the color by 10%, you get 164, 138, 197, and if you desaturate by 10%, it is 186, 178, 197.

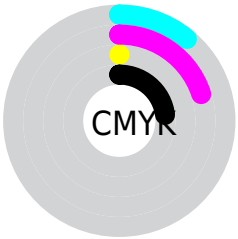
Distribution



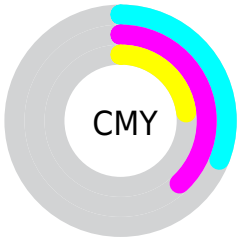
- Red (69%)
- Green (62%)
- Blue (77%)



- Red (69%)
- Yellow (62%)
- Blue (77%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (23%)



- Cyan (31%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 158, 197 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 175, 158, 197 by changing the saturation by 10% instead.

175, 158, 197

255, 255, 255

231, 213, 254

255, 241, 255

175, 158, 197

148, 132, 170

122, 107, 143

97, 82, 117

73, 59, 93

50, 37, 69

28, 17, 47

0, 0, 26

0, 0, 0

175, 158, 197

175, 158, 197

164, 138, 197	186, 178, 197
153, 119, 197	197, 197, 197
142, 99, 197	208, 217, 197
131, 79, 197	219, 237, 197
119, 60, 197	231, 255, 197
108, 40, 197	242, 255, 197
97, 20, 197	253, 255, 197
86, 0, 197	255, 255, 197
86, 0, 197	

Harmonies

Analogous

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

148, 165, 205

175, 158, 197

196, 152, 181

Triad

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

175, 158, 197

193, 159, 128

112, 177, 170

Complementary

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

175, 158, 197

180, 197, 158

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.

129, 175, 149

175, 158, 197

175, 165, 125

Square

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

175, 158, 197

205, 153, 141

152, 171, 133

108, 175, 189

Rectangle

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

175, 158, 197

204, 151, 167

152, 171, 133

117, 176, 163

Sweetspot

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

175, 158, 197

246, 240, 255

158, 180, 197

122, 119, 128

0, 0, 0

128, 128, 128

Same Dimension

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

175, 158, 197

220, 194, 255

194, 158, 197

94, 90, 99

71, 0, 163

16, 0, 36

Inverse Universe

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

197, 158, 180

255, 194, 228

161, 197, 158

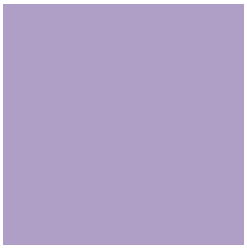
99, 90, 95

163, 0, 92

36, 0, 20

Previews

White Background

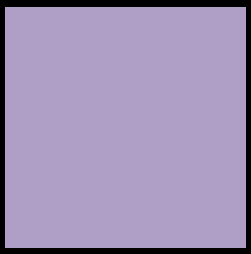


This preview shows how the RGB color 175, 158, 197 looks on a white background.

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



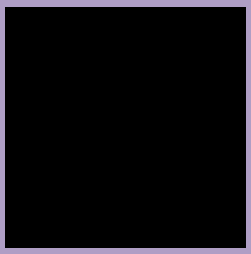
This preview shows how the RGB color 175, 158, 197 looks on a black background.

Color Contrast Check

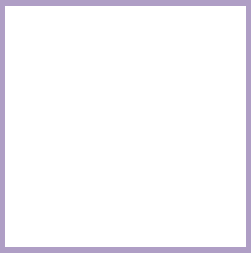
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 175, 158, 197 Background



This preview shows how black text looks on a background with the RGB color 175, 158, 197.

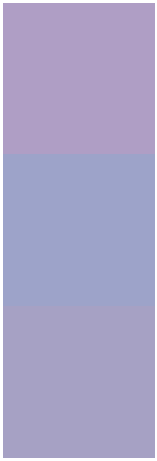


This preview shows how white text looks on a background with the RGB color 175, 158, 197.

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



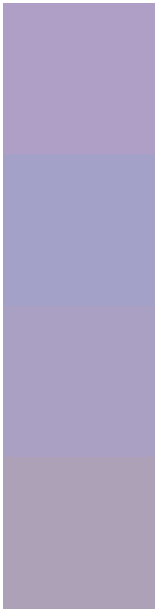
Original Color
175, 158, 197

Protanopia
157, 163, 201

Deuteranopia
166, 161, 196

Tritanopia
171, 162, 175

Trichromacy



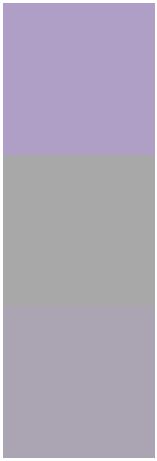
Original Color
175, 158, 197

Protanomaly
164, 161, 200

Deuteranomaly
169, 160, 196

Tritanomaly
172, 161, 183

Monochromacy



Original Color
175, 158, 197

Achromatopsia
168, 168, 168

Achromatomaly
171, 164, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 158, 197 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(175, 158, 197) looks like.

```
.text, #text, p{
    color:rgb(175, 158, 197)
}
```

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(175, 158, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 158, 197) }
```

Border

The CSS property to change the border of an element to RGB 175, 158, 197 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(175, 158, 197) }
```

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

```
.border{ border-color:rgb(175, 158, 197) }
```

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

Here you see how a box with a 4 pixel rgb(175, 158, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 158, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 158, 197); box-shadow:4px 4px 4px 4px rgb(175, 158, 197) }
```

Background

The CSS property to change the background color of an element to RGB 175, 158, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(175, 158, 197) }
```

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

```
.background{ background-color:rgb(175,
158, 197) }
```

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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