

Converting Colors

RGB(175, 166, 197)

Have a look what the booklet for
RGB(175, 166, 197) contains.

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Color

RGB(175, 166, 197)

Conversions

Conversions Part 1

Format	Color
Hex	AFA6C5
RGB	175, 166, 197
RGB Percent	69%, 65%, 77%
CMY	0.3137, 0.3490, 0.2275
CMYK	0.11, 0.16, 0.00, 0.23
HSL	257°, 21%, 71%
HSV	257°, 16%, 77%
XYZ	41.3935, 40.4176, 58.4430
YIQ	172.2250, -4.5870, 11.5490

Conversions

Conversions Part 2

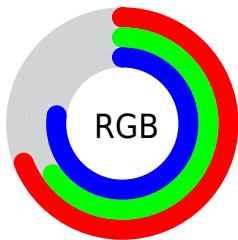
Format	Color
R_{YB}	175, 166, 197
Decimal	11511493
CIE _{Lab}	69.77, 9.32, -14.67
CIE _{LCh}	70, 17.374, 302.422
Yxy	40.4176, 0.2951, 0.2882
Android (android.graphics.Color)	4289701573 (0xFFAFA6C5)
YUV	172.2250, 12.2141, 2.4337
Hunter-Lab	63.5748, 4.9650, -10.0017

Details

The RGB color **175, 166, 197** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **188, 197, 166**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **231, 221, 254**, and **122, 114, 143** is the 20% darker color. If you saturate the color by 10%, you get **161, 146, 197**, and if you desaturate by 10%, it is **189, 186, 197**.

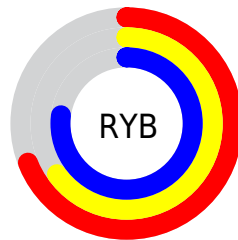
Distribution



Red (69%)

Green (65%)

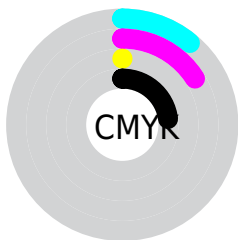
Blue (77%)



Red (69%)

Yellow (65%)

Blue (77%)

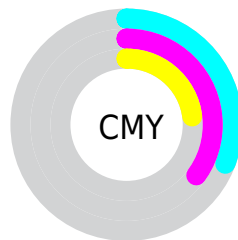


Cyan (11%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (31%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 166, 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, 166, 197 by changing the saturation by 10% instead.


 175, 166, 197


255, 255, 255

 231, 221, 254

 255, 250, 255

 175, 166, 197

 148, 140, 170

 122, 114, 143

 97, 90, 118

 73, 66, 93


 50, 44, 69

 29, 24, 47

 5, 0, 27

 0, 0, 0

 175, 166, 197

 175, 166, 197

■ 161, 146, 197

■ 189, 186, 197

■ 147, 127, 197

■ 203, 205, 197

■ 133, 107, 197

■ 217, 225, 197

■ 119, 87, 197

■ 231, 245, 197

■ 105, 68, 197

■ 245, 255, 197

■ 91, 48, 197

■ 255, 255, 197

■ 77, 28, 197

■ 63, 8, 197

■ 57, 0, 197

Harmonies

Analogous

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



154, 171, 202



175, 166, 197



192, 162, 185

Triad

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



175, 166, 197



196, 165, 143



133, 180, 171

Complementary

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



175, 166, 197



188, 197, 166

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.



146, 178, 155



175, 166, 197



182, 170, 139

Square

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



175, 166, 197



203, 161, 154



164, 175, 144



128, 179, 187

Rectangle

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



175, 166, 197



200, 160, 175



164, 175, 144



137, 179, 166

Sweetspot

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



175, 166, 197



246, 242, 255



166, 188, 197



122, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 166, 197



221, 207, 255



190, 166, 197



92, 90, 99



47, 0, 163



10, 0, 36

Inverse Universe

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



197, 166, 188



255, 207, 241



173, 197, 166



99, 90, 97



163, 0, 116



36, 0, 25

Previews

White Background



This preview shows how the RGB color 175, 166, 197 looks on a white background.

Color Contrast Check

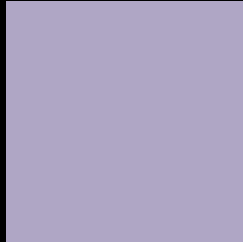
Large Text (above 18pt) WCAG AA × Fail

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, 166, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

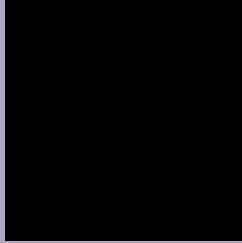
Any Text WCAG AA ✓ Pass

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, 166, 197 Background



This preview shows how black text looks on a background with the RGB color 175, 166, 197.



This preview shows how white text looks on a background with the RGB color 175, 166, 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, 166, 197

Protanopia

165, 169, 199

Deuteranopia

174, 166, 197



Tritanopia
172, 169, 182

Trichromacy



Original Color

175, 166, 197

Protanomaly

169, 168, 198

Deuteranomaly

174, 166, 197

Tritanomaly

173, 168, 187

Monochromacy



Original Color

175, 166, 197

Achromatopsia

172, 172, 172

Achromatomaly

173, 170, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 166, 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, 166, 197) looks like.

```
.text, #text, p{  
    color:rgb(175, 166, 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, 166, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 166, 197) }
```

Border

The CSS property to change the border of an element to RGB 175, 166, 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, 166, 197) }
```

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

```
.border{ border-color:rgb(175, 166, 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, 166, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 166, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 166, 197);  
box-shadow:4px 4px 4px 4px rgb(175, 166,  
197) }
```

Background

The CSS property to change the background color of an element to RGB 175, 166, 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, 166, 197) }
```

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

```
.background{ background-color: rgb(175,  
166, 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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