

Converting Colors

RGB(171, 149, 204)

Have a look what the booklet for
RGB(171, 149, 204) contains.

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Color

RGB(171, 149, 204)

Conversions

Conversions Part 1

Format	Color
Hex	AB95CC
RGB	171, 149, 204
RGB Percent	67%, 58%, 80%
CMY	0.3294, 0.4157, 0.2000
CMYK	0.16, 0.27, 0.00, 0.20
HSL	264°, 35%, 69%
HSV	264°, 27%, 80%
XYZ	38.4411, 34.5125, 61.7622
YIQ	161.8480, -4.5430, 21.7690

Conversions

Conversions Part 2

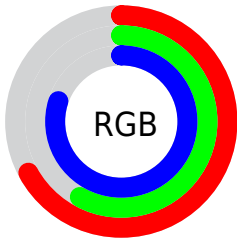
Format	Color
R_{YB}	171, 149, 204
Decimal	11245004
CIE _{Lab}	65.37, 19.04, -25.27
CIE _{LCh}	65, 31.641, 306.998
Yxy	34.5125, 0.2853, 0.2562
Android (android.graphics.Color)	4289435084 (0xFFAB95CC)
YUV	161.8480, 20.7809, 8.0263
Hunter-Lab	58.7473, 13.9932, -21.2097

Details

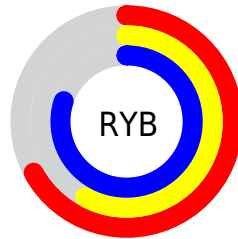
The RGB color **171, 149, 204** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **182, 204, 149**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **227, 203, 255**, and **118, 98, 150** is the 20% darker color. If you saturate the color by 10%, you get **159, 129, 204**, and if you desaturate by 10%, it is **183, 169, 204**.

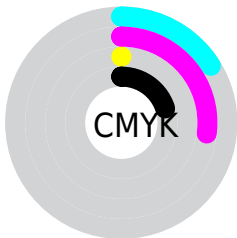
Distribution



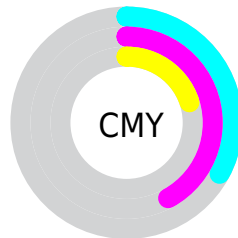
- Red (67%)
- Green (58%)
- Blue (80%)



- Red (67%)
- Yellow (58%)
- Blue (80%)



- Cyan (16%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 149, 204 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 171, 149, 204 by changing the saturation by 10% instead.

■ 171, 149, 204

255, 255, 255

■ 227, 203, 255

■ 255, 231, 255

■ 171, 149, 204

■ 144, 123, 176

■ 118, 98, 150

■ 93, 74, 124

■ 68, 51, 99


■ 45, 30, 74


■ 23, 8, 52


■ 0, 2, 30


■ 0, 0, 0

■ 0, 0, 0

 171, 149, 204

 171, 149, 204

 159, 129, 204

 183, 169, 204

 147, 108, 204

 195, 190, 204

 134, 88, 204

 208, 210, 204

 122, 67, 204


 220, 231, 204

 110, 47, 204

 232, 251, 204

 98, 27, 204

 244, 255, 204

 85, 6, 204

 255, 255, 204

 82, 0, 204

Harmonies

Analogous

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



130, 159, 215



171, 149, 204



200, 140, 181

Triad

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



171, 149, 204



197, 149, 107



74, 174, 165

Complementary

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



171, 149, 204



182, 204, 149

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.



107, 172, 136



171, 149, 204



172, 159, 102

Square

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



171, 149, 204



212, 141, 126



141, 167, 113



59, 173, 192

Rectangle

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



171, 149, 204



211, 137, 163



141, 167, 113



84, 174, 155

Sweetspot

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



171, 149, 204



243, 235, 255



149, 182, 204



120, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 149, 204



206, 173, 255



198, 149, 204



96, 92, 102



66, 0, 166



15, 0, 38

Inverse Universe

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



204, 149, 182



255, 173, 222



155, 204, 149



102, 92, 98



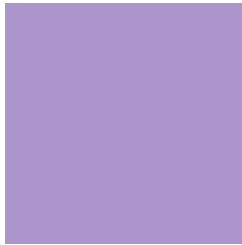
166, 0, 99



38, 0, 23

Previews

White Background



This preview shows how the RGB color 171, 149, 204 looks on a white background.

Color Contrast Check

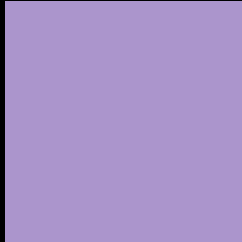
Large Text (above 18pt) WCAG AA × Fail

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 171, 149, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

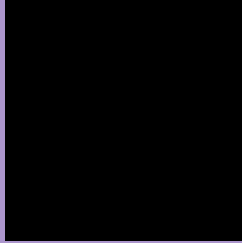
Any Text WCAG AA ✓ Pass

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 171, 149, 204 Background



This preview shows how black text looks on a background with the RGB color 171, 149, 204.



This preview shows how white text looks on a background with the RGB color 171, 149, 204.

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
171, 149, 204

Protanopia
144, 157, 210

Deuteranopia
151, 156, 203



Tritanopia
165, 156, 168

Trichromacy



Original Color
171, 149, 204

Protanomaly
154, 154, 208

Deuteranomaly
158, 153, 203

Tritanomaly
167, 153, 181

Monochromacy



Original Color
171, 149, 204

Achromatopsia
162, 162, 162

Achromatomaly
165, 157, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 149, 204 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(171, 149, 204)` looks like.

```
.text, #text, p{  
    color:rgb(171, 149, 204)  
}
```

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(171, 149, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 149, 204) }
```

Border

The CSS property to change the border of an element to RGB 171, 149, 204 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(171, 149, 204) }
```

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

```
.border{ border-color:rgb(171, 149, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 149, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 149, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 149, 204);  
box-shadow:4px 4px 4px 4px rgb(171, 149,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 171, 149, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 149, 204) }
```

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

```
.background{ background-color: rgb(171,  
149, 204) }
```

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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