

Converting Colors

RGB(171, 157, 202)

Have a look what the booklet for
RGB(171, 157, 202) contains.

RGB(171, 157, 202)	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(171, 157, 202)

Conversions

Conversions Part 1

Format	Color
Hex	AB9DCA
RGB	171, 157, 202
RGB Percent	67%, 62%, 79%
CMY	0.3294, 0.3843, 0.2078
CMYK	0.15, 0.22, 0.00, 0.21
HSL	259°, 30%, 70%
HSV	259°, 22%, 79%
XYZ	39.5122, 37.0361, 60.9433
YIQ	166.3160, -6.1010, 16.9630

Conversions

Conversions Part 2

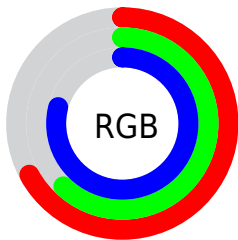
Format	Color
R _{YB}	171, 157, 202
Decimal	11247050
CIE _{Lab}	67.30, 14.10, -21.20
CIE _{LCh}	67, 25.455, 303.625
Y _{xy}	37.0361, 0.2874, 0.2694
Android (android.graphics.Color)	4289437130 (0xFFAB9DCA)
YUV	166.3160, 17.5922, 4.1079
Hunter-Lab	60.8573, 9.3926, -16.7736

Details

The RGB color **171, 157, 202** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **188, 202, 157**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **227, 212, 255**, and **118, 106, 148** is the 20% darker color. If you saturate the color by 10%, you get **157, 137, 202**, and if you desaturate by 10%, it is **185, 177, 202**.

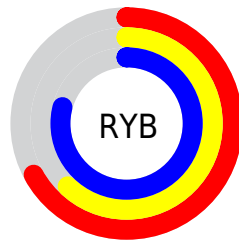
Distribution



Red (67%)

Green (62%)

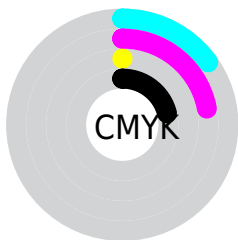
Blue (79%)



Red (67%)

Yellow (62%)

Blue (79%)

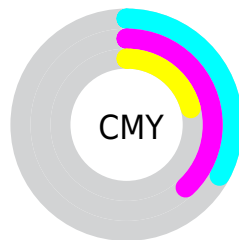


Cyan (15%)

Magenta (22%)

Yellow (0%)

Black (21%)



Cyan (33%)

Magenta (38%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 157, 202 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, 157, 202 by changing the saturation by 10% instead.


 171, 157, 202


255, 255, 255

 227, 212, 255


 255, 240, 255

 171, 157, 202

 144, 131, 175

 118, 106, 148

 93, 82, 122

 69, 58, 97

 46, 37, 73


 24, 17, 50

 0, 0, 29


 0, 0, 0

 171, 157, 202

 171, 157, 202

 157, 137, 202


 185, 177, 202

 143, 117, 202


 199, 197, 202

 129, 96, 202

 213, 218, 202

 115, 76, 202

 227, 238, 202

 101, 56, 202


 241, 255, 202

 88, 36, 202

 254, 255, 202

 74, 16, 202

 255, 255, 202

 63, 0, 202

Harmonies

Analogous

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



139, 165, 209



171, 157, 202



196, 150, 185

Triad

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



171, 157, 202



198, 156, 123



104, 177, 166

Complementary

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



171, 157, 202



188, 202, 157

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.



126, 175, 143



171, 157, 202



178, 163, 118

Square

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



171, 157, 202



209, 149, 140



153, 170, 125



95, 176, 188

Rectangle

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



171, 157, 202



206, 148, 170



153, 170, 125



111, 176, 158

Sweetspot

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



171, 157, 202



243, 237, 255



157, 189, 202



120, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 157, 202



208, 186, 255



193, 157, 202



95, 92, 102



52, 0, 166



12, 0, 38

Inverse Universe

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



202, 157, 188



255, 186, 234



166, 202, 157



102, 92, 99



166, 0, 114



38, 0, 26

Previews

White Background



This preview shows how the RGB color 171, 157, 202 looks on a white background.

Color Contrast Check

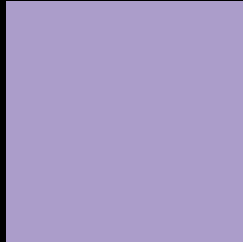
Large Text (above 18pt) WCAG AA × Fail

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, 157, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

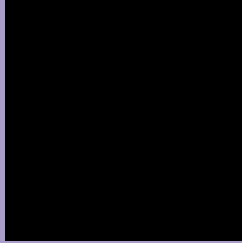
Any Text WCAG AA ✓ Pass

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, 157, 202 Background



This preview shows how black text looks on a background with the RGB color 171, 157, 202.



This preview shows how white text looks on a background with the RGB color 171, 157, 202.

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, 157, 202

Protanopia
153, 162, 206

Deuteranopia
161, 160, 201



Tritanopia
166, 162, 175

Trichromacy



Original Color

171, 157, 202

Protanomaly

160, 160, 205

Deuteranomaly

165, 159, 201

Tritanomaly

168, 160, 185

Monochromacy



Original Color

171, 157, 202

Achromatopsia

166, 166, 166

Achromatomaly

168, 163, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 157, 202 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, 157, 202)` looks like.

```
.text, #text, p{  
    color:rgb(171, 157, 202)  
}
```

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, 157, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 157, 202) }
```

Border

The CSS property to change the border of an element to RGB 171, 157, 202 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, 157, 202) }
```

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

```
.border{ border-color:rgb(171, 157, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 157, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 157, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 157, 202);  
box-shadow:4px 4px 4px 4px rgb(171, 157,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 171, 157, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 157, 202) }
```

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

```
.background{ background-color: rgb(171,  
157, 202) }
```

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