

Converting Colors

RGB(171, 155, 186)

Have a look what the booklet for
RGB(171, 155, 186) contains.

RGB(171, 155, 186)	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, 155, 186)

Conversions

Conversions Part 1

Format	Color
Hex	AB9BBA
RGB	171, 155, 186
RGB Percent	67%, 61%, 73%
CMY	0.3294, 0.3922, 0.2706
CMYK	0.08, 0.17, 0.00, 0.27
HSL	271°, 18%, 67%
HSV	271°, 17%, 73%
XYZ	37.3789, 35.6458, 51.3646
YIQ	163.3180, -0.4150, 13.0330

Conversions

Conversions Part 2

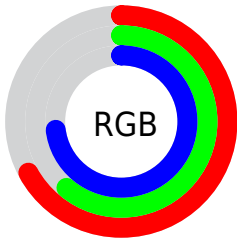
Format	Color
RYB	171, 155, 186
Decimal	11246522
CIELab	66.25, 11.81, -13.88
CIELCh	66, 18.224, 310.375
Yxy	35.6458, 0.3005, 0.2866
Android (android.graphics.Color)	4289436602 (0xFFAB9BBA)
YUV	163.3180, 11.1822, 6.7371
Hunter-Lab	59.7041, 7.2711, -9.2155

Details

The RGB color **171, 155, 186** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **170, 186, 155**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **226, 209, 242**, and **119, 104, 133** is the 20% darker color. If you saturate the color by 10%, you get **162, 136, 186**, and if you desaturate by 10%, it is **180, 174, 186**.

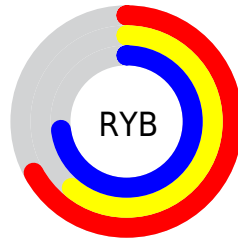
Distribution



Red (67%)

Green (61%)

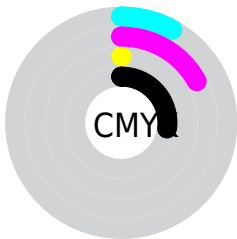
Blue (73%)



Red (67%)

Yellow (61%)

Blue (73%)

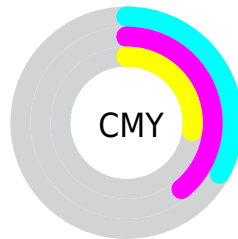


Cyan (8%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (39%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 155, 186 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, 155, 186 by changing the saturation by 10% instead.

■ 171, 155, 186

255, 255, 255

■ 226, 209, 242

■ 255, 238, 255

■ 171, 155, 186

■ 144, 129, 159

■ 119, 104, 133

■ 94, 80, 108

■ 70, 57, 83

■ 47, 35, 60

■ 26, 14, 38

■ 0, 1, 17

■ 0, 0, 0

■ 171, 155, 186

■ 171, 155, 186

162, 136, 186

180, 174, 186

153, 118, 186

189, 192, 186

144, 99, 186

198, 211, 186

135, 81, 186

207, 229, 186

126, 62, 186

216, 248, 186

117, 43, 186

225, 255, 186

108, 25, 186

234, 255, 186

99, 6, 186

243, 255, 186

96, 0, 186

252, 255, 186

Harmonies

Analogous

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



150, 161, 193



171, 155, 186



187, 151, 172

Triad

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



171, 155, 186



184, 156, 131



119, 171, 166

Complementary

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



171, 155, 186



170, 186, 155

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.



131, 170, 150



171, 155, 186



168, 162, 129

Square

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



171, 155, 186



193, 152, 141



149, 167, 136



118, 169, 182

Rectangle

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



171, 155, 186



193, 150, 161



149, 167, 136



122, 170, 161

Sweetspot

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



171, 155, 186



236, 230, 242



155, 171, 186



119, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



171, 155, 186



219, 194, 242



186, 155, 186



87, 83, 92



80, 0, 156



14, 0, 28

Inverse Universe

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



186, 155, 170



242, 194, 217



155, 186, 155



92, 83, 87



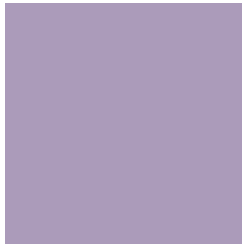
156, 0, 75



28, 0, 14

Previews

White Background



This preview shows how the RGB color 171, 155, 186 looks on a white background.

Color Contrast Check

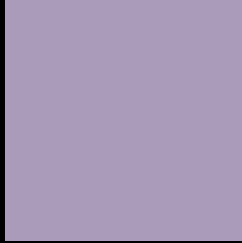
Large Text (above 18pt) WCAG AA × Fail

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, 155, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

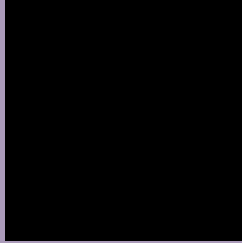
Any Text WCAG AA ✓ Pass

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, 155, 186 Background



This preview shows how black text looks on a background with the RGB color 171, 155, 186.



This preview shows how white text looks on a background with the RGB color 171, 155, 186.

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, 155, 186

Protanopia

155, 160, 189

Deuteranopia

165, 157, 186



Tritanopia
168, 158, 170

Trichromacy



Original Color

171, 155, 186

Protanomaly

161, 158, 188

Deuteranomaly

167, 156, 186

Tritanomaly

169, 157, 176

Monochromacy



Original Color

171, 155, 186

Achromatopsia

163, 163, 163

Achromatomaly

166, 160, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 155, 186 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, 155, 186)` looks like.

```
.text, #text, p{  
  color:rgb(171, 155, 186)  
}
```

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, 155, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 155, 186) }
```

Border

The CSS property to change the border of an element to RGB 171, 155, 186 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, 155, 186) }
```

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

```
.border{ border-color:rgb(171, 155, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 155, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 155, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 155, 186);  
box-shadow:4px 4px 4px 4px rgb(171, 155,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 171, 155, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 155, 186) }
```

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

```
.background{ background-color: rgb(171,  
155, 186) }
```

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