

Converting Colors

RGB(171, 133, 184)

Have a look what the booklet for
RGB(171, 133, 184) contains.

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Color

RGB(171, 133, 184)

Conversions

Conversions Part 1

Format	Color
Hex	AB85B8
RGB	171, 133, 184
RGB Percent	67%, 52%, 72%
CMY	0.3294, 0.4784, 0.2784
CMYK	0.07, 0.28, 0.00, 0.28
HSL	285°, 26%, 62%
HSV	285°, 28%, 72%
XYZ	33.8338, 28.8937, 49.1412
YIQ	150.1760, 6.2770, 23.9170

Conversions

Conversions Part 2

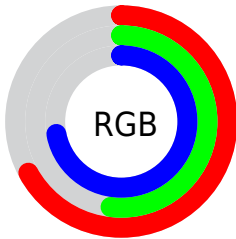
Format	Color
RYB	171, 133, 184
Decimal	11240888
CIELab	60.69, 23.81, -21.19
CIElCh	61, 31.872, 318.326
Yxy	28.8937, 0.3024, 0.2583
Android (android.graphics.Color)	4289430968 (0xFFAB85B8)
YUV	150.1760, 16.6752, 18.2626
Hunter-Lab	53.7528, 18.2864, -16.5763

Details

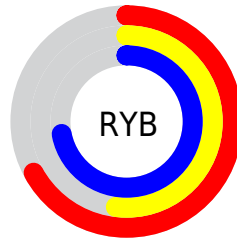
The RGB color **171, 133, 184** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **146, 184, 133**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **227, 186, 240**, and **118, 83, 131** is the 20% darker color. If you saturate the color by 10%, you get **166, 115, 184**, and if you desaturate by 10%, it is **176, 151, 184**.

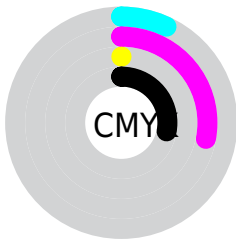
Distribution



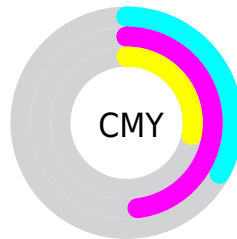
- Red (67%)
- Green (52%)
- Blue (72%)



- Red (67%)
- Yellow (52%)
- Blue (72%)



- Cyan (7%)
- Magenta (28%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (48%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 133, 184 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, 133, 184 by changing the saturation by 10% instead.

 171, 133, 184


255, 255, 255

 227, 186, 240

 255, 214, 255

 255, 243, 255

 171, 133, 184

 144, 108, 157

 118, 83, 131

 93, 59, 106

 69, 37, 81

 45, 15, 58

 28, 0, 37

 0, 0, 12

 0, 0, 0

 171, 133, 184

 171, 133, 184

166, 115, 184

176, 151, 184

162, 96, 184

180, 170, 184

157, 78, 184

185, 188, 184

152, 59, 184

190, 207, 184

148, 41, 184

194, 225, 184

143, 23, 184

199, 243, 184

138, 4, 184

204, 255, 184

137, 0, 184

209, 255, 184

213, 255, 184

Harmonies

Analogous

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



134, 143, 200



171, 133, 184



194, 126, 159

Triad

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



171, 133, 184



175, 141, 91



46, 161, 163

Complementary

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



171, 133, 184



146, 184, 133

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.



81, 161, 134



171, 133, 184



148, 150, 92

Square

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



171, 133, 184



194, 131, 106



116, 157, 108



46, 159, 188

Rectangle

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



171, 133, 184



201, 125, 139



116, 157, 108



57, 162, 154

Sweetspot

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



171, 133, 184



235, 221, 240



133, 147, 184



117, 108, 120



247, 247, 247



120, 120, 120

Same Dimension

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



171, 133, 184



220, 161, 240



184, 133, 172



89, 83, 92



116, 0, 156



21, 0, 28

Inverse Universe

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



184, 133, 146



240, 161, 181



133, 184, 145



92, 83, 85



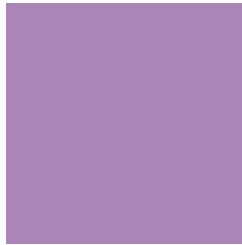
156, 0, 40



28, 0, 7

Previews

White Background



This preview shows how the RGB color 171, 133, 184 looks on a white background.

Color Contrast Check

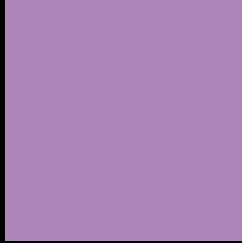
Large Text (above 18pt) WCAG AA ✓ Pass

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, 133, 184 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 171, 133, 184 Background



This preview shows how black text looks on a background with the RGB color 171, 133, 184.

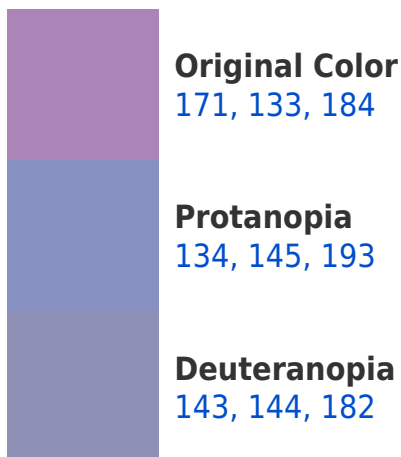



This preview shows how white text looks on a background with the RGB color 171, 133, 184.

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





Tritanopia
166, 139, 150

Trichromacy



Original Color
171, 133, 184

Protanomaly
147, 141, 190

Deuteranomaly
153, 140, 183

Tritanomaly
168, 137, 162

Monochromacy



Original Color
171, 133, 184

Achromatopsia
150, 150, 150

Achromatomaly
158, 144, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 133, 184 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, 133, 184)` looks like.

```
.text, #text, p{  
    color:rgb(171, 133, 184)  
}
```

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, 133, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 133, 184) }
```

Border

The CSS property to change the border of an element to RGB 171, 133, 184 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, 133, 184) }
```

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

```
.border{ border-color:rgb(171, 133, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 133, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 133, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 133, 184);  
box-shadow:4px 4px 4px 4px rgb(171, 133,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 171, 133, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 133, 184) }
```

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

```
.background{ background-color: rgb(171,  
133, 184) }
```

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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