

Converting Colors

RGB(171, 131, 181)

Have a look what the booklet for
RGB(171, 131, 181) contains.

RGB(171, 131, 181)	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, 131, 181)

Conversions

Conversions Part 1

Format	Color
Hex	AB83B5
RGB	171, 131, 181
RGB Percent	67%, 51%, 71%
CMY	0.3294, 0.4863, 0.2902
CMYK	0.06, 0.28, 0.00, 0.29
HSL	288°, 25%, 61%
HSV	288°, 28%, 71%
XYZ	33.2514, 28.2267, 47.4118
YIQ	148.6600, 7.7900, 24.0300

Conversions

Conversions Part 2

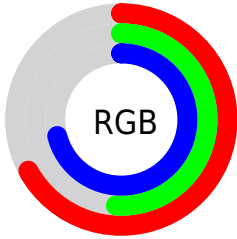
Format	Color
RYB	171, 131, 181
Decimal	11240373
CIELab	60.09, 24.32, -20.40
CIELCh	60, 31.744, 320.021
Yxy	28.2267, 0.3054, 0.2592
Android (android.graphics.Color)	4289430453 (0xFFAB83B5)
YUV	148.6600, 15.9436, 19.5922
Hunter-Lab	53.1288, 18.7411, -15.7198

Details

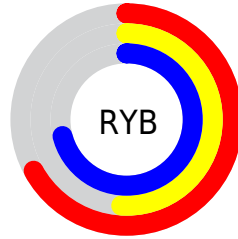
The RGB color **171, 131, 181** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **141, 181, 131**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **227, 184, 237**, and **118, 81, 128** is the 20% darker color. If you saturate the color by 10%, you get **167, 113, 181**, and if you desaturate by 10%, it is **175, 149, 181**.

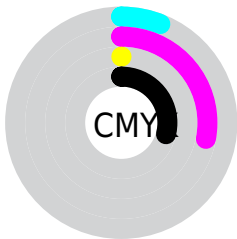
Distribution



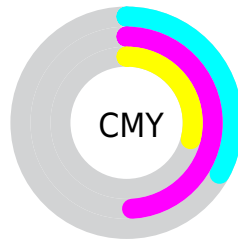
- Red (67%)
- Green (51%)
- Blue (71%)



- Red (67%)
- Yellow (51%)
- Blue (71%)



- Cyan (6%)
- Magenta (28%)
- Yellow (0%)
- Black (29%)




- Cyan (33%)
- Magenta (49%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 131, 181 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, 131, 181 by changing the saturation by 10% instead.


 171, 131, 181


255, 255, 255

 227, 184, 237

 255, 212, 255

 255, 241, 255

 171, 131, 181

 144, 106, 154

 118, 81, 128

 93, 57, 103


 69, 35, 79


 45, 13, 56

 28, 0, 34

 0, 0, 8

 0, 0, 0

 171, 131, 181

 171, 131, 181

167, 113, 181

175, 149, 181

164, 95, 181

178, 167, 181

160, 77, 181

182, 185, 181

157, 59, 181

185, 203, 181

153, 40, 181

189, 221, 181

149, 22, 181

193, 240, 181

146, 4, 181

196, 255, 181

145, 0, 181

200, 255, 181

204, 255, 181

Harmonies

Analogous

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



135, 141, 197



171, 131, 181



193, 124, 155

Triad

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



171, 131, 181



172, 140, 90



44, 160, 163

Complementary

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



171, 131, 181



141, 181, 131

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.



77, 159, 134



171, 131, 181



145, 149, 91

Square

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



171, 131, 181



192, 130, 103



113, 156, 108



47, 157, 187

Rectangle

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



171, 131, 181



199, 123, 136



113, 156, 108



54, 160, 154

Sweetspot

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



171, 131, 181



231, 216, 235



131, 141, 181



115, 106, 117



245, 245, 245



117, 117, 117

Same Dimension

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



171, 131, 181



219, 157, 235



181, 131, 166



87, 80, 89



122, 0, 153



20, 0, 26

Inverse Universe

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



181, 131, 141



235, 157, 173



131, 181, 146



89, 80, 82



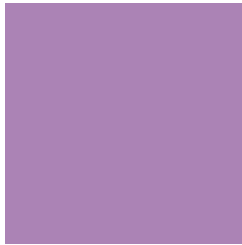
153, 0, 31



26, 0, 5

Previews

White Background



This preview shows how the RGB color 171, 131, 181 looks on a white background.

Color Contrast Check

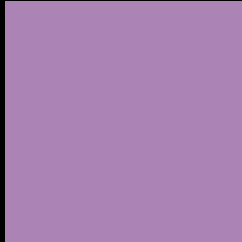
Large Text (above 18pt) WCAG AA ✓ Pass

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, 131, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

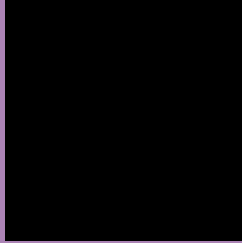
Any Text WCAG AA ✓ Pass

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, 131, 181 Background



This preview shows how black text looks on a background with the RGB color 171, 131, 181.

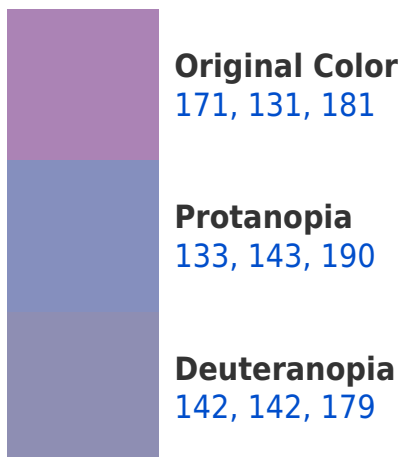


This preview shows how white text looks on a background with the RGB color 171, 131, 181.

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, 137, 148

Trichromacy



Original Color
171, 131, 181

Protanomaly
147, 139, 187

Deuteranomaly
153, 138, 180

Tritanomaly
168, 135, 160

Monochromacy



Original Color
171, 131, 181

Achromatopsia
149, 149, 149

Achromatomaly
157, 142, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 131, 181 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, 131, 181)` looks like.

```
.text, #text, p{  
    color:rgb(171, 131, 181)  
}
```

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, 131, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 131, 181) }
```

Border

The CSS property to change the border of an element to RGB 171, 131, 181 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, 131, 181) }
```

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

```
.border{ border-color:rgb(171, 131, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 131, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 131, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 131, 181);  
box-shadow:4px 4px 4px 4px rgb(171, 131,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 171, 131, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 131, 181) }
```

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

```
.background{ background-color: rgb(171,  
131, 181) }
```

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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