

Converting Colors

RGB(181, 171, 255)

Have a look what the booklet for
RGB(181, 171, 255) contains.

RGB(181, 171, 255)	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(181, 171, 255)

Conversions

Conversions Part 1	
Format	Color
Hex	B5ABFF
RGB	181, 171, 255
RGB Percent	71%, 67%, 100%
CMY	0.2902, 0.3294, 0.0000
CMYK	0.29, 0.33, 0.00, 0.00
HSL	247°, 100%, 84%
HSV	247°, 33%, 100%
XYZ	51.6690, 46.1696, 100.7961
YIQ	183.5660, -21.0040, 28.2440

Conversions

Conversions Part 2

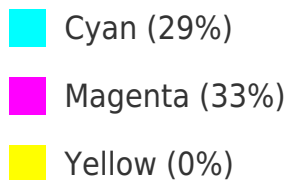
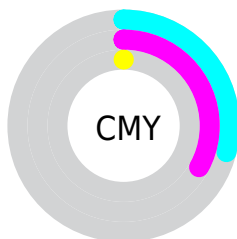
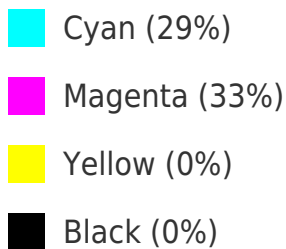
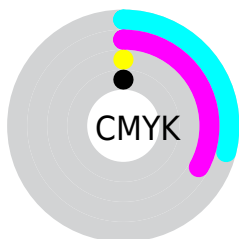
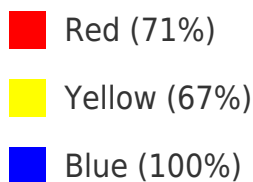
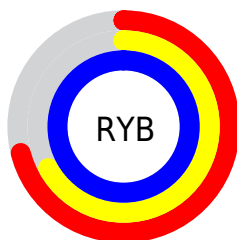
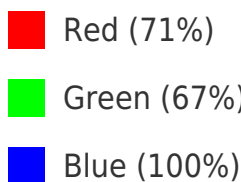
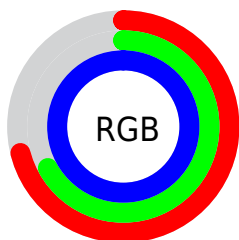
Format	Color
RYB	181, 171, 255
Decimal	11906047
CIELab	73.66, 21.62, -40.34
CIELCh	74, 45.772, 298.191
Yxy	46.1696, 0.2601, 0.2324
Android (android.graphics.Color)	4290096127 (0xFFB5ABFF)
YUV	183.5660, 35.2170, -2.2504
Hunter-Lab	67.9482, 16.8251, -40.3886

Details

The RGB color **181, 171, 255** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **245, 255, 171**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **238, 226, 255**, and **126, 119, 198** is the 20% darker color. If you saturate the color by 10%, you get **159, 146, 255**, and if you desaturate by 10%, it is **203, 196, 255**.

Distribution



Brightness & Saturation Gradients

These gradients show how the RGB color 181, 171, 255 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 181, 171, 255 by changing the saturation by 10% instead.



181, 171, 255



181, 171, 255

255, 255, 255



153, 144, 226



238, 226, 255



126, 119, 198



99, 94, 170



73, 70, 144



46, 48, 118



15, 27, 92




0, 3, 68




0, 3, 45





0, 1, 24

 181, 171, 255

 181, 171, 255

 159, 146, 255


 203, 196, 255

 136, 120, 255

 226, 222, 255


 114, 95, 255


 248, 248, 255

 91, 69, 255

255, 255, 255

 69, 44, 255

 46, 18, 255

 30, 0, 255

Harmonies

Analogous

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



108, 186, 255



181, 171, 255



231, 156, 226

Triad

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



181, 171, 255



242, 163, 111



40, 203, 177

Complementary

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



181, 171, 255



245, 255, 171

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.



116, 199, 135



181, 171, 255



209, 178, 96

Square

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



181, 171, 255



255, 150, 144



167, 190, 105



0, 202, 219

Rectangle

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



181, 171, 255



251, 149, 199



167, 190, 105



72, 202, 162

Sweetspot

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



181, 171, 255



233, 230, 255



171, 245, 255



114, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 171, 255



165, 153, 255



223, 171, 255



116, 115, 128



23, 0, 191



8, 0, 64

Inverse Universe

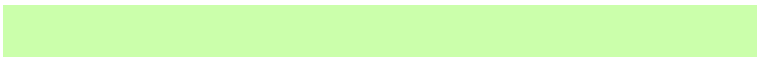
The Inverse Universe completely reimagines the original color for something new.



255, 171, 245



255, 153, 243



203, 255, 171



128, 115, 126



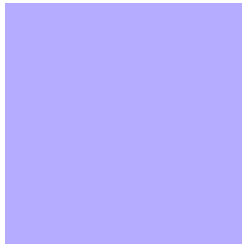
191, 0, 168



64, 0, 56

Previews

White Background



This preview shows how the RGB color 181, 171, 255 looks on a white background.

Color Contrast Check

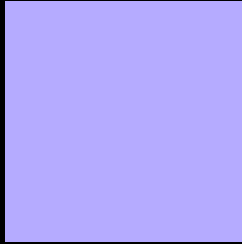
Large Text (above 18pt) WCAG AA × Fail

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 181, 171, 255 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 181, 171, 255 Background



This preview shows how black text looks on a background with the RGB color 181, 171, 255.



This preview shows how white text looks on a background with the RGB color 181, 171, 255.

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](#).

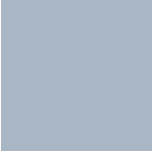
Dichromacy



Original Color
181, 171, 255

Protanopia
157, 178, 255

Deuteranopia
156, 179, 253



Tritanopia

169, 183, 197

Trichromacy



Original Color

181, 171, 255

Protanomaly

166, 175, 255

Deuteranomaly

165, 176, 254

Tritanomaly

173, 179, 218

Monochromacy



Original Color

181, 171, 255

Achromatopsia

184, 184, 184

Achromatomaly

183, 179, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 171, 255 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(181, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 171, 255)  
}
```

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(181, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 171, 255) }
```

Border

The CSS property to change the border of an element to RGB 181, 171, 255 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(181, 171, 255) }
```

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

```
.border{ border-color:rgb(181, 171, 255) }
```

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

Here you see how a box with a 4 pixel rgb(181, 171, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 171,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 181, 171, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 171, 255) }
```

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

```
.background{ background-color: rgb(181,  
171, 255) }
```

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