

Converting Colors

RGB(171, 171, 233)

Have a look what the booklet for
RGB(171, 171, 233) contains.

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Color

RGB(171, 171, 233)

Conversions

Conversions Part 1

Format	Color
Hex	ABABE9
RGB	171, 171, 233
RGB Percent	67%, 67%, 91%
CMY	0.3294, 0.3294, 0.0863
CMYK	0.27, 0.27, 0.00, 0.09
HSL	240°, 58%, 79%
HSV	240°, 27%, 91%
XYZ	46.0655, 43.6669, 83.0914
YIQ	178.0680, -19.9020, 19.2820

Conversions

Conversions Part 2

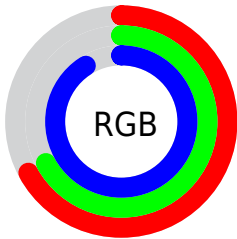
Format	Color
RYB	171, 171, 233
Decimal	11250665
CIELab	72.01, 13.42, -31.03
CIELCh	72, 33.809, 293.380
Yxy	43.6669, 0.2665, 0.2527
Android (android.graphics.Color)	4289440745 (0xFFABABE9)
YUV	178.0680, 27.0815, -6.1986
Hunter-Lab	66.0810, 8.7918, -28.2957

Details

The RGB color **171, 171, 233** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **233, 233, 171**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **227, 226, 255**, and **117, 119, 177** is the 20% darker color. If you saturate the color by 10%, you get **148, 148, 233**, and if you desaturate by 10%, it is **194, 194, 233**.

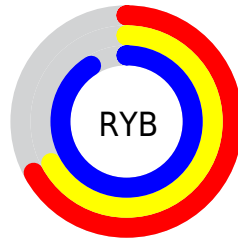
Distribution



Red (67%)

Green (67%)

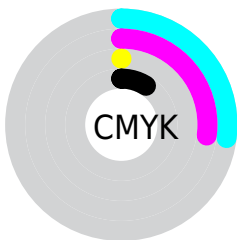
Blue (91%)



Red (67%)

Yellow (67%)

Blue (91%)

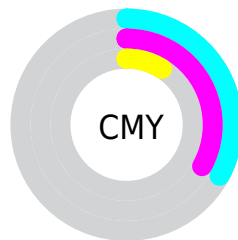


Cyan (27%)

Magenta (27%)

Yellow (0%)

Black (9%)



Cyan (33%)

Magenta (33%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 171, 233 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, 171, 233 by changing the saturation by 10% instead.

■ 171, 171, 233

255, 255, 255

■ 227, 226, 255

255, 255, 255

■ 171, 171, 233

■ 144, 145, 205

■ 117, 119, 177

■ 91, 94, 150

■ 66, 71, 124


■ 41, 48, 99


■ 13, 28, 75


■ 0, 1, 52


■ 0, 2, 30


■ 0, 0, 0

 171, 171, 233


 171, 171, 233

 148, 148, 233

 194, 194, 233

 124, 124, 233

 218, 218, 233


 101, 101, 233

 241, 241, 233


 78, 78, 233

 255, 255, 233

 54, 54, 233

 31, 31, 233

 8, 8, 233

 0, 0, 233

Harmonies

Analogous

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



124, 182, 237



171, 171, 233



209, 160, 214

Triad

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



171, 171, 233



227, 162, 128



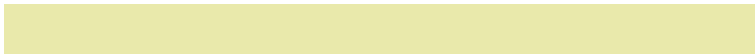
100, 193, 168

Complementary

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



171, 171, 233



233, 233, 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.



137, 189, 139



171, 171, 233



204, 172, 115

Square

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



171, 171, 233



238, 154, 154



173, 182, 119



72, 193, 200

Rectangle

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



171, 171, 233



226, 155, 195



173, 182, 119



112, 192, 158

Sweetspot

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



171, 171, 233



235, 235, 255



171, 233, 233



115, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



171, 171, 233



173, 173, 255



202, 171, 233



106, 106, 117



0, 0, 181



0, 0, 54

Inverse Universe

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



233, 171, 233



255, 173, 255



202, 233, 171



117, 106, 117



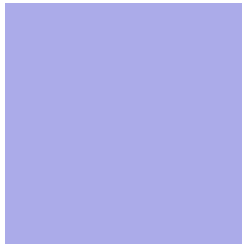
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RGB color 171, 171, 233 looks on a white background.

Color Contrast Check

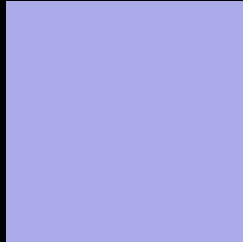
Large Text (above 18pt) WCAG AA × Fail

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, 171, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

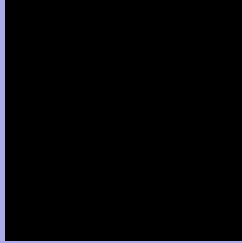
Any Text WCAG AA ✓ Pass

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, 171, 233 Background



This preview shows how black text looks on a background with the RGB color 171, 171, 233.



This preview shows how white text looks on a background with the RGB color 171, 171, 233.

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](#).

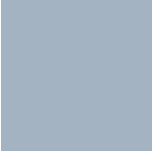
Dichromacy



Original Color
171, 171, 233

Protanopia
159, 174, 235

Deuteranopia
163, 174, 232



Tritanopia
163, 179, 193

Trichromacy



Original Color
171, 171, 233

Protanomaly
163, 173, 234

Deuteranomaly
166, 173, 232

Tritanomaly
166, 176, 208

Monochromacy



Original Color
171, 171, 233

Achromatopsia
178, 178, 178

Achromatomaly
175, 175, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 171, 233 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, 171, 233)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 233)  
}
```

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, 171, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 233) }
```

Border

The CSS property to change the border of an element to RGB 171, 171, 233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

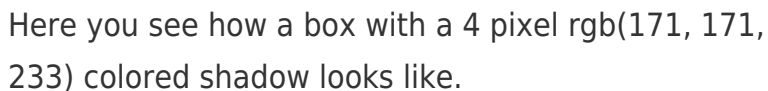
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 171, 233) }
```

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

```
.border{ border-color:rgb(171, 171, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 171, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 171, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 171, 233); box-shadow:4px 4px 4px 4px rgb(171, 171, 233) }
```

Background

The CSS property to change the background color of an element to RGB 171, 171, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 233) }
```

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

```
.background{ background-color: rgb(171,  
171, 233) }
```

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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