

Converting Colors

RGB(191, 171, 234)

Have a look what the booklet for
RGB(191, 171, 234) contains.

RGB(191, 171, 234)	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(191, 171, 234)

Conversions

Conversions Part 1

Format	Color
Hex	BFABEA
RGB	191, 171, 234
RGB Percent	75%, 67%, 92%
CMY	0.2510, 0.3294, 0.0824
CMYK	0.18, 0.27, 0.00, 0.08
HSL	259°, 60%, 79%
HSV	259°, 27%, 92%
XYZ	50.9001, 46.1427, 84.0656
YIQ	184.1620, -8.3030, 23.8330

Conversions

Conversions Part 2

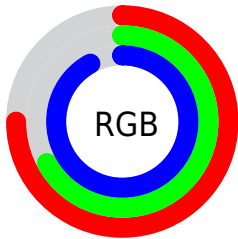
Format	Color
R _Y B	191, 171, 234
Decimal	12561386
CIE Lab	73.64, 19.66, -28.93
CIE LCh	74, 34.980, 304.205
Yxy	46.1427, 0.2810, 0.2548
Android (android.graphics.Color)	4290751466 (0xFFBFABEA)
YUV	184.1620, 24.5701, 5.9969
Hunter-Lab	67.9284, 14.8787, -25.8251

Details

The RGB color **191, 171, 234** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **214, 234, 171**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **248, 226, 255**, and **137, 119, 178** is the 20% darker color. If you saturate the color by 10%, you get **175, 148, 234**, and if you desaturate by 10%, it is **207, 194, 234**.

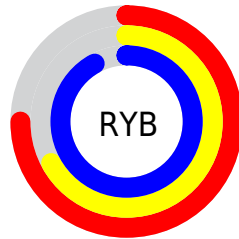
Distribution



Red (75%)

Green (67%)

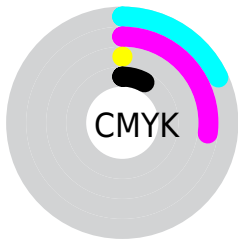
Blue (92%)



Red (75%)

Yellow (67%)

Blue (92%)

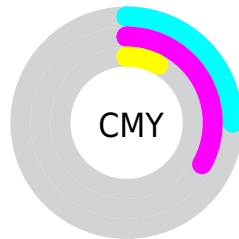


Cyan (18%)

Magenta (27%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (33%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 171, 234 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 191, 171, 234 by changing the saturation by 10% instead.

■ 191, 171, 234

255, 255, 255

■ 248, 226, 255

■ 191, 171, 234

■ 164, 144, 206

■ 137, 119, 178

■ 111, 94, 151

■ 85, 70, 125


■ 61, 48, 100


■ 37, 26, 76

■ 16, 2, 53

■ 0, 2, 31


■ 0, 0, 2

 191, 171, 234

 191, 171, 234

 175, 148, 234

 207, 194, 234

 159, 124, 234


 223, 218, 234

 143, 101, 234

 239, 241, 234


 127, 77, 234


 255, 255, 234

 111, 54, 234

 255, 255, 234

 95, 31, 234

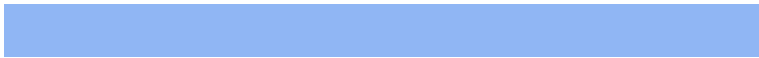
 79, 7, 234

 74, 0, 234

Harmonies

Analogous

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



144, 182, 244



191, 171, 234



225, 161, 209

Triad

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



191, 171, 234



226, 169, 124



88, 198, 184

Complementary

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



191, 171, 234



214, 234, 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.



126, 196, 152



191, 171, 234



198, 180, 117

Square

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



191, 171, 234



242, 160, 146



164, 190, 127



68, 197, 216

Rectangle

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



191, 171, 234



239, 157, 188



164, 190, 127



100, 198, 173

Sweetspot

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



191, 171, 234



241, 235, 255



171, 214, 234



119, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



191, 171, 234



199, 173, 255



222, 171, 234



109, 106, 117



57, 0, 181



17, 0, 54

Inverse Universe

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



234, 171, 214



255, 173, 229



183, 234, 171



117, 106, 114



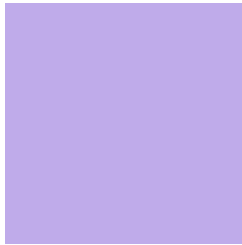
181, 0, 124



54, 0, 37

Previews

White Background



This preview shows how the RGB color 191, 171, 234 looks on a white background.

Color Contrast Check

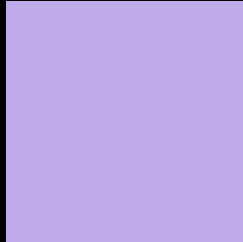
Large Text (above 18pt) WCAG AA × Fail

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 191, 171, 234 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 191, 171, 234 Background



This preview shows how black text looks on a background with the RGB color 191, 171, 234.



This preview shows how white text looks on a background with the RGB color 191, 171, 234.

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
191, 171, 234

Protanopia
164, 179, 240

Deuteranopia
171, 178, 233



Tritanopia
184, 179, 193

Trichromacy



Original Color
191, 171, 234

Protanomaly
174, 176, 238

Deuteranomaly
178, 175, 233

Tritanomaly
187, 176, 208

Monochromacy



Original Color
191, 171, 234

Achromatopsia
184, 184, 184

Achromatomaly
187, 179, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 171, 234 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(191, 171, 234)` looks like.

```
.text, #text, p{  
    color:rgb(191, 171, 234)  
}
```

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(191, 171, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 171, 234) }
```

Border

The CSS property to change the border of an element to RGB 191, 171, 234 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(191, 171, 234) }
```

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

```
.border{ border-color:rgb(191, 171, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 171, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 171, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 171, 234);  
box-shadow:4px 4px 4px 4px rgb(191, 171,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 191, 171, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 171, 234) }
```

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

```
.background{ background-color: rgb(191,  
171, 234) }
```

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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