

Converting Colors

RGB(201, 171, 231)

Have a look what the booklet for
RGB(201, 171, 231) contains.

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Color

RGB(201, 171, 231)

Conversions

Conversions Part 1

Format	Color
Hex	C9ABE7
RGB	201, 171, 231
RGB Percent	79%, 67%, 91%
CMY	0.2118, 0.3294, 0.0941
CMYK	0.13, 0.26, 0.00, 0.09
HSL	270°, 56%, 79%
HSV	270°, 26%, 91%
XYZ	53.0741, 47.3128, 81.9363
YIQ	186.8100, -1.3800, 25.0200

Conversions

Conversions Part 2

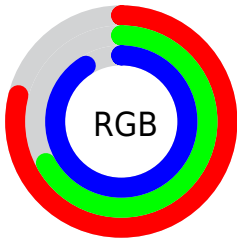
Format	Color
R _Y B	201, 171, 231
Decimal	13216743
CIE Lab	74.39, 22.13, -26.07
CIE LCh	74, 34.194, 310.320
Yxy	47.3128, 0.2911, 0.2595
Android (android.graphics.Color)	4291406823 (0xFFC9ABE7)
YUV	186.8100, 21.7857, 12.4446
Hunter-Lab	68.7843, 17.3583, -22.4775

Details

The RGB color **201, 171, 231** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **201, 231, 171**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 226, 255**, and **146, 119, 175** is the 20% darker color. If you saturate the color by 10%, you get **189, 148, 231**, and if you desaturate by 10%, it is **213, 194, 231**.

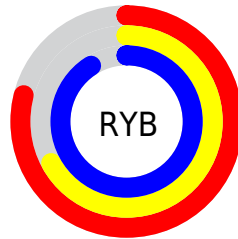
Distribution



Red (79%)

Green (67%)

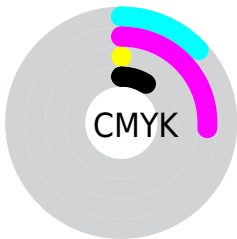
Blue (91%)



Red (79%)

Yellow (67%)

Blue (91%)

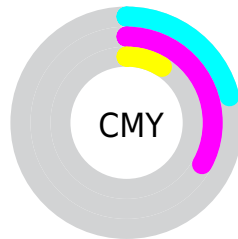


Cyan (13%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (21%)

Magenta (33%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 171, 231 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 201, 171, 231 by changing the saturation by 10% instead.

■ 201, 171, 231

255, 255, 255

■ 255, 226, 255

■ 201, 171, 231

■ 173, 144, 203

■ 146, 119, 175

■ 120, 94, 148

■ 95, 70, 123


■ 70, 47, 97


■ 47, 25, 73

■ 25, 2, 51


■ 0, 2, 29

■ 0, 0, 0

 201, 171, 231

 201, 171, 231

 189, 148, 231


 213, 194, 231

 178, 125, 231


 224, 217, 231

 166, 102, 231

 236, 240, 231

 155, 79, 231


 247, 255, 231

 143, 55, 231

 255, 255, 231

 132, 32, 231

 120, 9, 231

 116, 0, 231

Harmonies

Analogous

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



157, 182, 244



201, 171, 231



232, 162, 205

Triad

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



201, 171, 231



223, 174, 124



87, 200, 193

Complementary

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



201, 171, 231



201, 231, 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.



122, 199, 161



201, 171, 231



194, 185, 121

Square

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



201, 171, 231



241, 164, 144



159, 193, 134



77, 198, 223

Rectangle

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



201, 171, 231



243, 159, 184



159, 193, 134



98, 200, 182

Sweetspot

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



201, 171, 231



245, 235, 255



171, 201, 231



121, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 171, 231



215, 176, 255



231, 171, 231



109, 103, 115



89, 0, 179



26, 0, 51

Inverse Universe

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



231, 171, 201



255, 176, 215



171, 231, 171



115, 103, 109



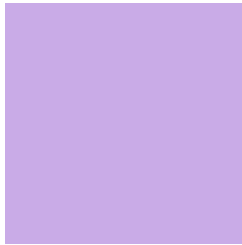
179, 0, 89



51, 0, 26

Previews

White Background



This preview shows how the RGB color 201, 171, 231 looks on a white background.

Color Contrast Check

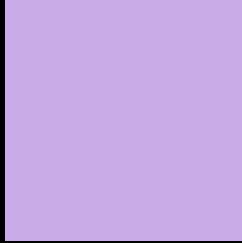
Large Text (above 18pt) WCAG AA × Fail

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 201, 171, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

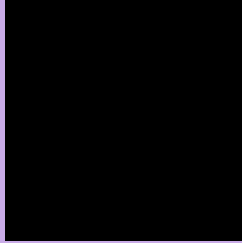
Any Text WCAG AA ✓ Pass

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 201, 171, 231 Background



This preview shows how black text looks on a background with the RGB color 201, 171, 231.



This preview shows how white text looks on a background with the RGB color 201, 171, 231.

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
201, 171, 231

Protanopia
168, 181, 238

Deuteranopia
177, 179, 229



Tritanopia
195, 178, 192

Trichromacy



Original Color
201, 171, 231

Protanomaly
180, 177, 235

Deuteranomaly
186, 176, 230

Tritanomaly
197, 175, 206

Monochromacy



Original Color
201, 171, 231

Achromatopsia
187, 187, 187

Achromatomaly
192, 181, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 171, 231 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(201, 171, 231)` looks like.

```
.text, #text, p{  
    color:rgb(201, 171, 231)  
}
```

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(201, 171, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 171, 231) }
```

Border

The CSS property to change the border of an element to RGB 201, 171, 231 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(201, 171, 231) }
```

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

```
.border{ border-color:rgb(201, 171, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 171, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 171, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 171, 231); box-shadow:4px 4px 4px 4px rgb(201, 171, 231) }
```

Background

The CSS property to change the background color of an element to RGB 201, 171, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 171, 231) }
```

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

```
.background{ background-color: rgb(201,  
171, 231) }
```

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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