

Converting Colors

RGB(201, 201, 233)

Have a look what the booklet for
RGB(201, 201, 233) contains.

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Color

RGB(201, 201, 233)

Conversions

Conversions Part 1

Format	Color
Hex	C9C9E9
RGB	201, 201, 233
RGB Percent	79%, 79%, 91%
CMY	0.2118, 0.2118, 0.0863
CMYK	0.14, 0.14, 0.00, 0.09
HSL	240°, 42%, 85%
HSV	240°, 14%, 91%
XYZ	59.6820, 60.0740, 85.5407
YIQ	204.6480, -10.2720, 9.9520

Conversions

Conversions Part 2

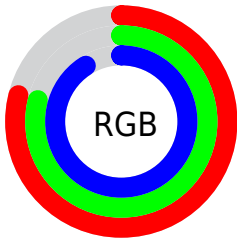
Format	Color
R _Y B	201, 201, 233
Decimal	13224425
CIE Lab	81.88, 6.27, -15.79
CIE LCh	82, 16.988, 291.657
Yxy	60.0740, 0.2907, 0.2926
Android (android.graphics.Color)	4291414505 (0xFFC9C9E9)
YUV	204.6480, 13.9775, -3.1993
Hunter-Lab	77.5074, 1.8101, -11.1799

Details

The RGB color **201, 201, 233** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **233, 233, 201**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 255**, and **147, 147, 177** is the 20% darker color. If you saturate the color by 10%, you get **178, 178, 233**, and if you desaturate by 10%, it is **224, 224, 233**.

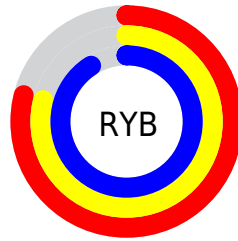
Distribution



Red (79%)

Green (79%)

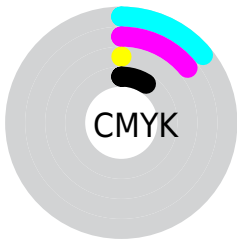
Blue (91%)



Red (79%)

Yellow (79%)

Blue (91%)

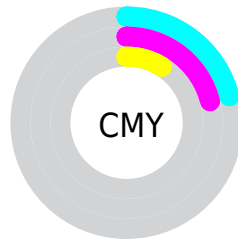


Cyan (14%)

Magenta (14%)

Yellow (0%)

Black (9%)



Cyan (21%)

Magenta (21%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 201, 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 201, 201, 233 by changing the saturation by 10% instead.

■ 201, 201, 233

255, 255, 255

■ 201, 201, 233

■ 174, 174, 205

■ 147, 147, 177

■ 121, 121, 151

■ 96, 97, 125

■ 72, 73, 100

■ 49, 50, 76


■ 27, 29, 53

■ 4, 4, 32


■ 0, 0, 4

 201, 201, 233


 201, 201, 233

 178, 178, 233


 224, 224, 233

 154, 154, 233

 248, 248, 233

 131, 131, 233

 255, 255, 233


 108, 108, 233

 85, 85, 233

 61, 61, 233

 38, 38, 233

 15, 15, 233

 0, 0, 233

Harmonies

Analogous

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



181, 206, 235



201, 201, 233



220, 196, 223

Triad

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



201, 201, 233



233, 196, 179



170, 213, 198

Complementary

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



201, 201, 233



233, 233, 201

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.



186, 210, 183



201, 201, 233



221, 201, 172

Square

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



201, 201, 233



238, 193, 192



204, 206, 174



162, 213, 215

Rectangle

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



201, 201, 233



230, 194, 214



204, 206, 174



175, 212, 193

Sweetspot

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



201, 201, 233



245, 245, 255



201, 233, 233



121, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 201, 233



214, 214, 255



217, 201, 233



106, 106, 117



0, 0, 181



0, 0, 54

Inverse Universe

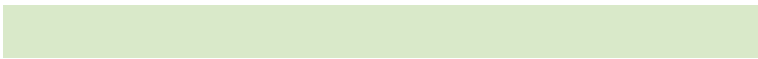
The Inverse Universe completely reimagines the original color for something new.



233, 201, 233



255, 214, 255



217, 233, 201



117, 106, 117



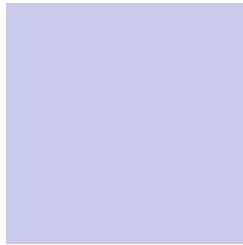
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RGB color 201, 201, 233 looks on a white background.

Color Contrast Check

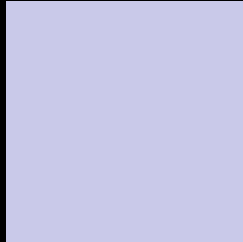
Large Text (above 18pt) WCAG AA × Fail

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 201, 201, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

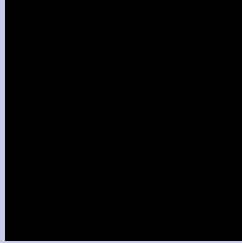
Any Text WCAG AA ✓ Pass

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 201, 201, 233 Background



This preview shows how black text looks on a background with the RGB color 201, 201, 233.



This preview shows how white text looks on a background with the RGB color 201, 201, 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
201, 201, 233

Protanopia
198, 202, 234

Deuteranopia
209, 198, 234



Tritanopia
199, 203, 219

Trichromacy



Original Color
201, 201, 233

Protanomaly
199, 202, 234

Deuteranomaly
206, 199, 234

Tritanomaly
200, 202, 224

Monochromacy



Original Color
201, 201, 233

Achromatopsia
205, 205, 205

Achromatomaly
204, 204, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 201, 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(201, 201, 233)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 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(201, 201, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 233) }
```

Border

The CSS property to change the border of an element to RGB 201, 201, 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(201, 201, 233) }
```

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

```
.border{ border-color:rgb(201, 201, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 233);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 201, 201, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 233) }
```

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

```
.background{ background-color: rgb(201,  
201, 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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