

Converting Colors

RGB(199, 191, 233)

Have a look what the booklet for
RGB(199, 191, 233) contains.

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Color

RGB(199, 191, 233)

Conversions

Conversions Part 1

Format	Color
Hex	C7BFE9
RGB	199, 191, 233
RGB Percent	78%, 75%, 91%
CMY	0.2196, 0.2510, 0.0863
CMYK	0.15, 0.18, 0.00, 0.09
HSL	251°, 49%, 83%
HSV	251°, 18%, 91%
XYZ	56.8920, 55.2869, 84.7637
YIQ	198.1800, -8.7140, 14.7580

Conversions

Conversions Part 2

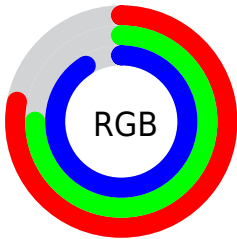
Format	Color
RYB	199, 191, 233
Decimal	13090793
CIELab	79.21, 11.01, -19.84
CIELCh	79, 22.685, 299.030
Yxy	55.2869, 0.2889, 0.2807
Android (android.graphics.Color)	4291280873 (0xFFC7BFE9)
YUV	198.1800, 17.1663, 0.7191
Hunter-Lab	74.3552, 6.4556, -15.5410

Details

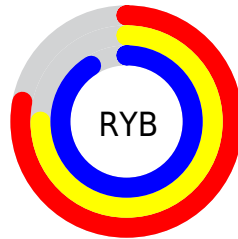
The RGB color **199, 191, 233** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **225, 233, 191**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 247, 255**, and **145, 138, 177** is the 20% darker color. If you saturate the color by 10%, you get **180, 168, 233**, and if you desaturate by 10%, it is **218, 214, 233**.

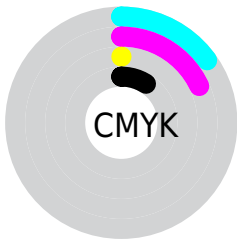
Distribution



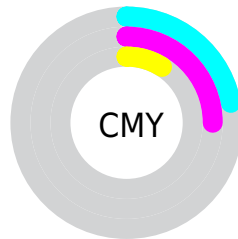
- Red (78%)
- Green (75%)
- Blue (91%)



- Red (78%)
- Yellow (75%)
- Blue (91%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 191, 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 199, 191, 233 by changing the saturation by 10% instead.

■ 199, 191, 233

255, 255, 255

■ 255, 247, 255

■ 199, 191, 233

■ 172, 164, 205

■ 145, 138, 177

■ 119, 112, 150

■ 94, 88, 125

■ 70, 64, 99

■ 46, 42, 75


■ 24, 22, 53

■ 0, 0, 32


■ 0, 0, 3

 199, 191, 233


 199, 191, 233

 180, 168, 233

 218, 214, 233


 161, 144, 233

 237, 238, 233

 142, 121, 233


 255, 255, 233


 124, 98, 233

 105, 75, 233

 86, 51, 233

 67, 28, 233

 48, 5, 233

 44, 0, 233

Harmonies

Analogous

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



171, 198, 238



199, 191, 233



223, 185, 218

Triad

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



199, 191, 233



231, 188, 161



146, 208, 195

Complementary

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



199, 191, 233



225, 233, 191

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.



166, 206, 174



199, 191, 233



213, 194, 154

Square

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



199, 191, 233



240, 183, 177



190, 201, 159



138, 208, 216

Rectangle

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



199, 191, 233



234, 182, 205



190, 201, 159



152, 208, 187

Sweetspot

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



199, 191, 233



245, 242, 255



191, 225, 233



121, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 191, 233



210, 199, 255



220, 191, 233



108, 106, 117



34, 0, 181



10, 0, 54

Inverse Universe

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



233, 191, 225



255, 199, 244



204, 233, 191



117, 106, 115



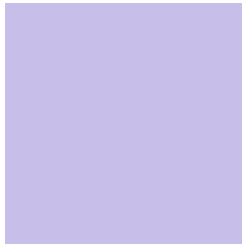
181, 0, 147



54, 0, 43

Previews

White Background



This preview shows how the RGB color 199, 191, 233 looks on a white background.

Color Contrast Check

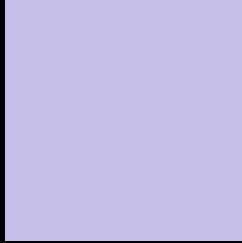
Large Text (above 18pt) WCAG AA × Fail

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 199, 191, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

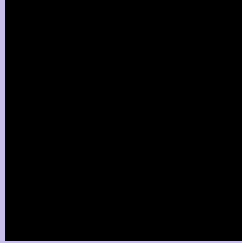
Any Text WCAG AA ✓ Pass

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 199, 191, 233 Background



This preview shows how black text looks on a background with the RGB color 199, 191, 233.



This preview shows how white text looks on a background with the RGB color 199, 191, 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](#).

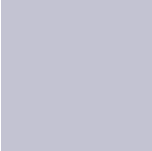
Dichromacy



Original Color
199, 191, 233

Protanopia
187, 194, 235

Deuteranopia
197, 192, 233



Tritanopia
195, 195, 210

Trichromacy



Original Color
199, 191, 233

Protanomaly
191, 193, 234

Deuteranomaly
198, 192, 233

Tritanomaly
196, 194, 218

Monochromacy



Original Color
199, 191, 233

Achromatopsia
198, 198, 198

Achromatomaly
198, 195, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 191, 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(199, 191, 233)` looks like.

```
.text, #text, p{  
    color:rgb(199, 191, 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(199, 191, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 191, 233) }
```

Border

The CSS property to change the border of an element to RGB 199, 191, 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(199, 191, 233) }
```

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

```
.border{ border-color:rgb(199, 191, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 191, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 191, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 191, 233);  
box-shadow:4px 4px 4px 4px rgb(199, 191,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 199, 191, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 191, 233) }
```

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

```
.background{ background-color: rgb(199,  
191, 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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