

Converting Colors

RGB(199, 199, 238)

Have a look what the booklet for
RGB(199, 199, 238) contains.

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Color

RGB(199, 199, 238)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7EE
RGB	199, 199, 238
RGB Percent	78%, 78%, 93%
CMY	0.2196, 0.2196, 0.0667
CMYK	0.16, 0.16, 0.00, 0.07
HSL	240°, 53%, 86%
HSV	240°, 16%, 93%
XYZ	59.4092, 59.1620, 89.1771
YIQ	203.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

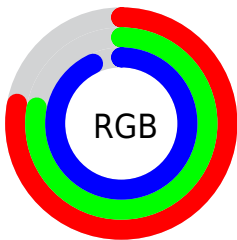
Format	Color
R _{YB}	199, 199, 238
Decimal	13092846
CIE Lab	81.38, 7.76, -19.23
CIE LCh	81, 20.733, 291.985
Yxy	59.1620, 0.2860, 0.2848
Android (android.graphics.Color)	4291282926 (0xFFC7C7EE)
YUV	203.4460, 17.0351, -3.8991
Hunter-Lab	76.9168, 3.2658, -14.8988

Details

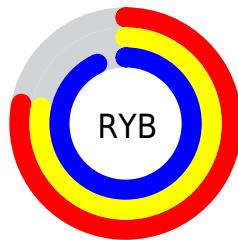
The RGB color **199, 199, 238** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **238, 238, 199**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is 255, 255, 255, and **145, 145, 182** is the 20% darker color. If you saturate the color by 10%, you get **175, 175, 238**, and if you desaturate by 10%, it is **223, 223, 238**.

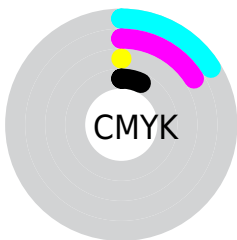
Distribution



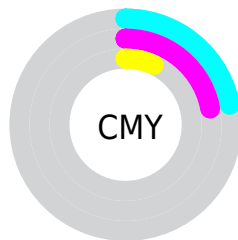
- Red (78%)
- Green (78%)
- Blue (93%)



- Red (78%)
- Yellow (78%)
- Blue (93%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 199, 238 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, 199, 238 by changing the saturation by 10% instead.

■ 199, 199, 238

255, 255, 255

■ 199, 199, 238

■ 171, 172, 210

■ 145, 145, 182

■ 119, 120, 155

■ 94, 95, 129

■ 69, 71, 104

■ 46, 49, 80


■ 24, 28, 57

■ 1, 1, 35


■ 0, 0, 11

 199, 199, 238

 199, 199, 238

 175, 175, 238

 223, 223, 238


 151, 151, 238

 247, 247, 238

 128, 128, 238

 255, 255, 238


 104, 104, 238

 80, 80, 238

 56, 56, 238

 32, 32, 238

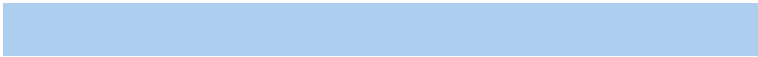
 9, 9, 238

 0, 0, 238

Harmonies

Analogous

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



174, 206, 240



199, 199, 238



222, 193, 226

Triad

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



199, 199, 238



237, 193, 172



160, 213, 196

Complementary

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



199, 199, 238



238, 238, 199

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.



180, 210, 178



199, 199, 238



222, 199, 164

Square

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



199, 199, 238



243, 189, 189



202, 205, 166



150, 213, 216

Rectangle

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



199, 199, 238



234, 190, 215



202, 205, 166



166, 213, 190

Sweetspot

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



199, 199, 238



242, 242, 255



199, 238, 238



120, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 199, 238



204, 204, 255



219, 199, 238



108, 108, 120



0, 0, 184



0, 0, 56

Inverse Universe

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



238, 199, 238



255, 204, 255



219, 238, 199



120, 108, 120



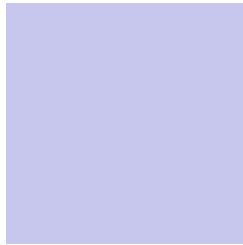
184, 0, 184



56, 0, 56

Previews

White Background



This preview shows how the RGB color 199, 199, 238 looks on a white background.

Color Contrast Check

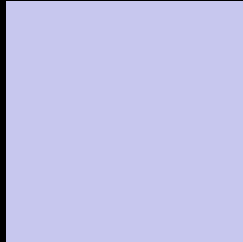
Large Text (above 18pt) WCAG AA × Fail

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, 199, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

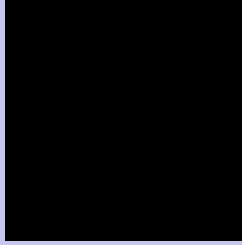
Any Text WCAG AA ✓ Pass

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, 199, 238 Background



This preview shows how black text looks on a background with the RGB color 199, 199, 238.



This preview shows how white text looks on a background with the RGB color 199, 199, 238.

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, 199, 238

Protanopia
194, 200, 239

Deuteranopia
204, 197, 238



Tritanopia
196, 202, 218

Trichromacy



Original Color
199, 199, 238

Protanomaly
196, 200, 239

Deuteranomaly
202, 198, 238

Tritanomaly
197, 201, 225

Monochromacy



Original Color
199, 199, 238

Achromatopsia
203, 203, 203

Achromatomaly
202, 202, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 199, 238 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, 199, 238)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 238)  
}
```

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, 199, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 238) }
```

Border

The CSS property to change the border of an element to RGB 199, 199, 238 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, 199, 238) }
```

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

```
.border{ border-color:rgb(199, 199, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 199, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 199, 238); box-shadow:4px 4px 4px 4px rgb(199, 199, 238) }
```

Background

The CSS property to change the background color of an element to RGB 199, 199, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 238) }
```

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

```
.background{ background-color: rgb(199,  
199, 238) }
```

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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