

Converting Colors

RGB(199, 183, 225)

Have a look what the booklet for
RGB(199, 183, 225) contains.

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Color

RGB(199, 183, 225)

Conversions

Conversions Part 1

Format	Color
Hex	C7B7E1
RGB	199, 183, 225
RGB Percent	78%, 72%, 88%
CMY	0.2196, 0.2824, 0.1176
CMYK	0.12, 0.19, 0.00, 0.12
HSL	263°, 41%, 80%
HSV	263°, 19%, 88%
XYZ	54.0773, 51.4453, 78.3139
YIQ	192.5720, -3.9460, 16.4540

Conversions

Conversions Part 2

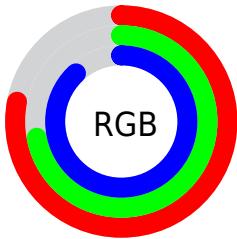
Format	Color
RYB	199, 183, 225
Decimal	13088737
CIELab	76.95, 13.68, -18.94
CIElCh	77, 23.360, 305.833
Yxy	51.4453, 0.2942, 0.2798
Android (android.graphics.Color)	4291278817 (0xFFC7B7E1)
YUV	192.5720, 15.9870, 5.6374
Hunter-Lab	71.7254, 9.0604, -14.5285

Details

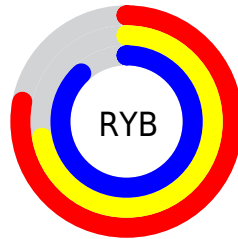
The RGB color **199, 183, 225** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **209, 225, 183**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 239, 255**, and **145, 130, 170** is the 20% darker color. If you saturate the color by 10%, you get **185, 161, 225**, and if you desaturate by 10%, it is **213, 206, 225**.

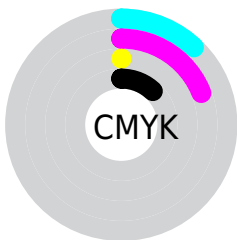
Distribution



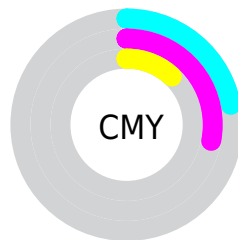
- Red (78%)
- Green (72%)
- Blue (88%)



- Red (78%)
- Yellow (72%)
- Blue (88%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 199, 183, 225 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, 183, 225 by changing the saturation by 10% instead.

■ 199, 183, 225

255, 255, 255

■ 255, 239, 255

■ 199, 183, 225

■ 172, 156, 197

■ 145, 130, 170

■ 119, 105, 143

■ 94, 81, 117

■ 70, 58, 93

■ 47, 36, 69

■ 25, 16, 46

■ 0, 1, 26


■ 0, 0, 0

 199, 183, 225


 199, 183, 225


 185, 161, 225


 213, 206, 225

 171, 138, 225


 227, 228, 225

 157, 116, 225

 241, 251, 225


 143, 93, 225


 255, 255, 225


 129, 71, 225

 255, 255, 225

 115, 48, 225

 102, 26, 225

 88, 3, 225

 86, 0, 225

Harmonies

Analogous

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



170, 190, 233



199, 183, 225



222, 177, 208

Triad

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



199, 183, 225



222, 183, 151



135, 202, 194

Complementary

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



199, 183, 225



209, 225, 183

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.



154, 201, 172



199, 183, 225



202, 190, 147

Square

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



199, 183, 225



233, 177, 166



178, 196, 155



130, 201, 214

Rectangle

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



199, 183, 225



231, 175, 194



178, 196, 155



140, 202, 186

Sweetspot

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



199, 183, 225



246, 240, 255



183, 210, 225



122, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



199, 183, 225



220, 199, 255



219, 183, 225



105, 101, 112



67, 0, 176



18, 0, 48

Inverse Universe

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



225, 183, 209



255, 199, 234



189, 225, 183



112, 101, 108



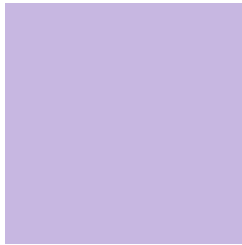
176, 0, 109



48, 0, 30

Previews

White Background



This preview shows how the RGB color 199, 183, 225 looks on a white background.

Color Contrast Check

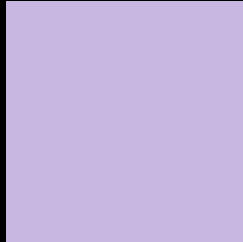
Large Text (above 18pt) WCAG AA × Fail

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, 183, 225 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, 183, 225 Background



This preview shows how black text looks on a background with the RGB color 199, 183, 225.



This preview shows how white text looks on a background with the RGB color 199, 183, 225.

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, 183, 225

Protanopia
181, 188, 229

Deuteranopia
192, 186, 224



Tritanopia
195, 187, 202

Trichromacy



Original Color
199, 183, 225

Protanomaly
188, 186, 228

Deuteranomaly
195, 185, 224

Tritanomaly
196, 186, 210

Monochromacy



Original Color
199, 183, 225

Achromatopsia
193, 193, 193

Achromatomaly
195, 189, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 199, 183, 225 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, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(199, 183, 225)  
}
```

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, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 183, 225) }
```

Border

The CSS property to change the border of an element to RGB 199, 183, 225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

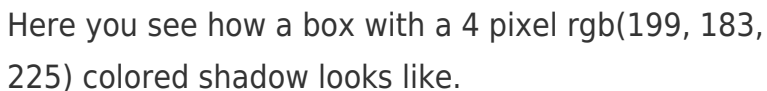
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 183, 225) }
```

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

```
.border{ border-color:rgb(199, 183, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 183, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 183, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 183, 225); box-shadow:4px 4px 4px 4px rgb(199, 183, 225) }
```

Background

The CSS property to change the background color of an element to RGB 199, 183, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 183, 225) }
```

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

```
.background{ background-color: rgb(199,  
183, 225) }
```

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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