

Converting Colors

RGB(193, 165, 199)

Have a look what the booklet for
RGB(193, 165, 199) contains.

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Color

RGB(193, 165, 199)

Conversions

Conversions Part 1

Format	Color
Hex	C1A5C7
RGB	193, 165, 199
RGB Percent	76%, 65%, 78%
CMY	0.2431, 0.3529, 0.2196
CMYK	0.03, 0.17, 0.00, 0.22
HSL	289°, 23%, 71%
HSV	289°, 17%, 78%
XYZ	45.7563, 42.3712, 59.7997
YIQ	177.2480, 5.7740, 16.5100

Conversions

Conversions Part 2

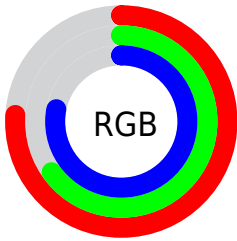
Format	Color
RYB	193, 165, 199
Decimal	12690887
CIELab	71.13, 16.33, -13.57
CIElCh	71, 21.228, 320.269
Yxy	42.3712, 0.3093, 0.2864
Android (android.graphics.Color)	4290880967 (0xFFC1A5C7)
YUV	177.2480, 10.7237, 13.8145
Hunter-Lab	65.0932, 11.5607, -8.9032

Details

The RGB color **193, 165, 199** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 199, 165**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **250, 220, 255**, and **139, 113, 145** is the 20% darker color. If you saturate the color by 10%, you get **189, 145, 199**, and if you desaturate by 10%, it is **197, 185, 199**.

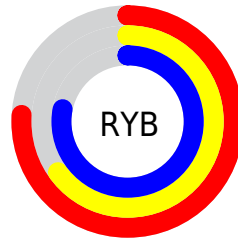
Distribution



Red (76%)

Green (65%)

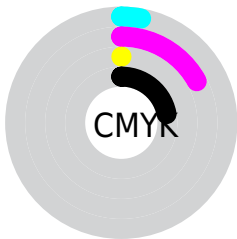
Blue (78%)



Red (76%)

Yellow (65%)

Blue (78%)

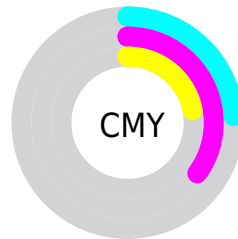


Cyan (3%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 165, 199 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 193, 165, 199 by changing the saturation by 10% instead.


 193, 165, 199

255, 255, 255

 250, 220, 255

 255, 249, 255

 193, 165, 199

 166, 139, 172

 139, 113, 145

 114, 88, 119

 89, 65, 95

 65, 43, 71

 43, 22, 48

 24, 0, 28


 0, 0, 0

 193, 165, 199


 193, 165, 199

 189, 145, 199

 197, 185, 199

 186, 125, 199

 200, 205, 199

 182, 105, 199

 204, 225, 199

 179, 85, 199


 207, 245, 199

 175, 66, 199

 211, 255, 199

 172, 46, 199

 214, 255, 199

 168, 26, 199

 218, 255, 199

 165, 6, 199

 221, 255, 199

 164, 0, 199

 225, 255, 199

Harmonies

Analogous

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



169, 171, 210



193, 165, 199



209, 161, 181

Triad

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



193, 165, 199



195, 171, 136



121, 185, 187

Complementary

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



193, 165, 199



171, 199, 165

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.



133, 185, 167



193, 165, 199



175, 177, 138

Square

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



193, 165, 199



209, 165, 145



153, 182, 149



125, 183, 203

Rectangle

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



193, 165, 199



214, 160, 168



153, 182, 149



124, 185, 180

Sweetspot

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



193, 165, 199



253, 242, 255



165, 171, 199



126, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 165, 199



246, 201, 255



199, 165, 188



98, 90, 99



134, 0, 163



29, 0, 36

Inverse Universe

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



199, 165, 171



255, 201, 211



165, 199, 176



99, 90, 91



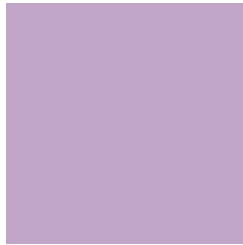
163, 0, 29



36, 0, 6

Previews

White Background



This preview shows how the RGB color 193, 165, 199 looks on a white background.

Color Contrast Check

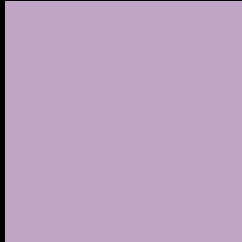
Large Text (above 18pt) WCAG AA × Fail

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 193, 165, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

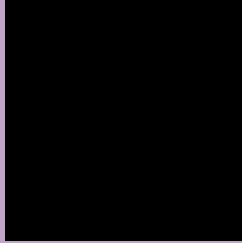
Any Text WCAG AA ✓ Pass

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 193, 165, 199 Background



This preview shows how black text looks on a background with the RGB color 193, 165, 199.



This preview shows how white text looks on a background with the RGB color 193, 165, 199.

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
193, 165, 199

Protanopia
168, 173, 204

Deuteranopia
180, 170, 198



Tritanopia
190, 168, 181

Trichromacy



Original Color
193, 165, 199

Protanomaly
177, 170, 202

Deuteranomaly
185, 168, 198

Tritanomaly
191, 167, 188

Monochromacy



Original Color
193, 165, 199

Achromatopsia
177, 177, 177

Achromatomaly
183, 173, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 165, 199 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(193, 165, 199)` looks like.

```
.text, #text, p{  
    color:rgb(193, 165, 199)  
}
```

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(193, 165, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 165, 199) }
```

Border

The CSS property to change the border of an element to RGB 193, 165, 199 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(193, 165, 199) }
```

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

```
.border{ border-color:rgb(193, 165, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 165, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 165, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 165, 199);  
box-shadow:4px 4px 4px 4px rgb(193, 165,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 193, 165, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 165, 199) }
```

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

```
.background{ background-color: rgb(193,  
165, 199) }
```

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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