

Converting Colors

RGB(193, 203, 199)

Have a look what the booklet for
RGB(193, 203, 199) contains.

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Color

RGB(193, 203, 199)

Conversions

Conversions Part 1

Format	Color
Hex	C1CBC7
RGB	193, 203, 199
RGB Percent	76%, 80%, 78%
CMY	0.2431, 0.2039, 0.2196
CMYK	0.05, 0.00, 0.02, 0.20
HSL	156°, 9%, 78%
HSV	156°, 5%, 80%
XYZ	53.6571, 58.1728, 62.4333
YIQ	199.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

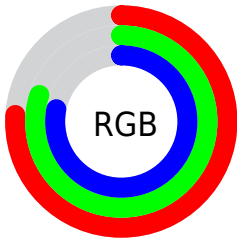
Format	Color
RYB	193, 199, 203
Decimal	12700615
CIELab	80.83, -4.15, 0.80
CIELCh	81, 4.231, 169.089
Yxy	58.1728, 0.3079, 0.3338
Android (android.graphics.Color)	4290890695 (0xFFC1CBC7)
YUV	199.5540, -0.2731, -5.7479
Hunter-Lab	76.2711, -7.8990, 4.8568

Details

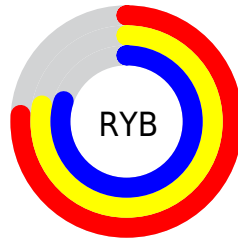
The RGB color **193, 203, 199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 193, 197**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **249, 255, 255**, and **139, 149, 145** is the 20% darker color. If you saturate the color by 10%, you get **173, 203, 191**, and if you desaturate by 10%, it is **213, 203, 207**.

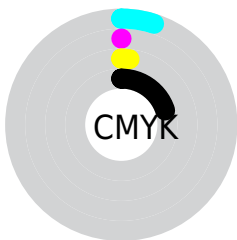
Distribution



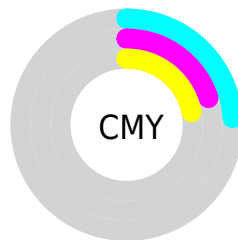
- Red (76%)
- Green (80%)
- Blue (78%)



- Red (76%)
- Yellow (78%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 203, 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, 203, 199 by changing the saturation by 10% instead.

 193, 203, 199


255, 255, 255

 249, 255, 255

 193, 203, 199

 166, 176, 172

 139, 149, 145

 114, 123, 120

 89, 98, 95

 66, 74, 71

 44, 52, 49

 23, 31, 28

 0, 6, 1

 0, 0, 0

 193, 203, 199

 193, 203, 199

 173, 203, 191

 213, 203, 207

 152, 203, 183

 234, 203, 215

 132, 203, 175

 254, 203, 223

 112, 203, 167

 255, 203, 231

 92, 203, 158

 255, 203, 240

 71, 203, 150

 255, 203, 248

 51, 203, 142

 255, 203, 255

 31, 203, 134

 10, 203, 126

Harmonies

Analogous

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



197, 202, 195



193, 203, 199



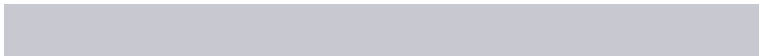
191, 203, 203

Triad

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



193, 203, 199



200, 200, 208



209, 199, 195

Complementary

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



193, 203, 199



203, 193, 197

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.



210, 198, 198



193, 203, 199



205, 199, 206

Square

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



193, 203, 199



195, 201, 208



208, 198, 202



206, 200, 193

Rectangle

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



193, 203, 199



192, 203, 205



208, 198, 202



209, 198, 196

Sweetspot

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



193, 203, 199



252, 255, 254



197, 203, 193



126, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



193, 203, 199



240, 255, 249



193, 202, 203



95, 102, 99



0, 166, 99



0, 38, 23

Inverse Universe

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



203, 193, 197



255, 240, 246



203, 194, 193



102, 95, 98



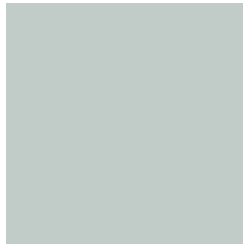
166, 0, 66



38, 0, 15

Previews

White Background



This preview shows how the RGB color 193, 203, 199 looks on a white background.

Color Contrast Check

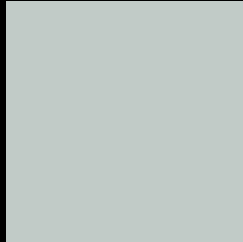
Large Text (above 18pt) WCAG AA × Fail

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, 203, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

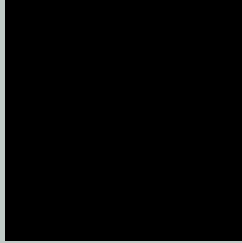
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

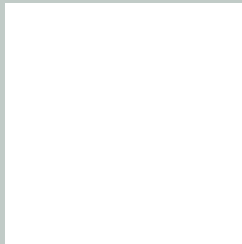
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 193, 203, 199 Background



This preview shows how black text looks on a background with the RGB color 193, 203, 199.



This preview shows how white text looks on a background with the RGB color 193, 203, 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





Tritanopia
196, 200, 216

Trichromacy



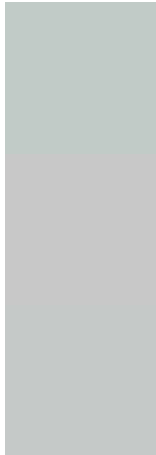
Original Color
193, 203, 199

Protanomaly
201, 201, 198

Deuteranomaly
210, 197, 200

Tritanomaly
195, 201, 210

Monochromacy



Original Color
193, 203, 199

Achromatopsia
200, 200, 200

Achromatomaly
197, 201, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 203, 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, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 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, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 199) }
```

Border

The CSS property to change the border of an element to RGB 193, 203, 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, 203, 199) }
```

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

```
.border{ border-color:rgb(193, 203, 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, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 193, 203, 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, 203, 199) }
```

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

```
.background{ background-color: rgb(193,  
203, 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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