

Converting Colors

`RYB(198, 201, 203)`

Have a look what the booklet for
RYB(198, 201, 203) contains.

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Color

R_YB(198, 201, 203)

Conversions

Conversions Part 1

Format	Color
Hex	C6CBC9
RGB	198, 203, 201
RGB Percent	78%, 80%, 79%
CMY	0.2235, 0.2039, 0.2105
CMYK	0.02, 0.00, 0.01, 0.20
HSL	160°, 5%, 79%
HSV	160°, 2%, 80%
XYZ	55.2265, 58.9504, 63.9320
YIQ	201.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

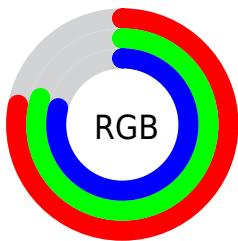
Format	Color
RYB	198, 201, 203
Decimal	13028297
CIELab	81.26, -2.02, 0.22
CIElCh	81, 2.027, 173.703
Yxy	58.9504, 0.3101, 0.3310
Android (android.graphics.Color)	4291218377 (0xFFC6CBC9)
YUV	201.2770, -0.1366, -2.8739
Hunter-Lab	76.7792, -5.9702, 4.3762

Details

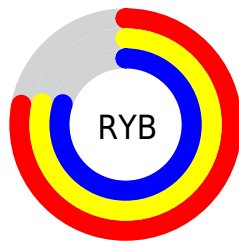
The RYB color **198, 201, 203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **203, 198, 200**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is 255, 255, 255, and **144, 147, 149** is the 20% darker color. If you saturate the color by 10%, you get **178, 193, 203**, and if you desaturate by 10%, it is **218, 203, 208**.

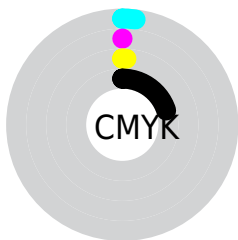
Distribution



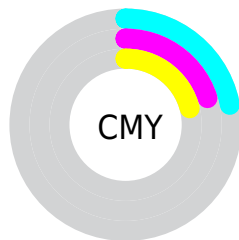
- Red (78%)
- Green (80%)
- Blue (79%)



- Red (78%)
- Yellow (79%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 201, 203 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 RYB color 198, 201, 203 by changing the saturation by 10% instead.

■ 198, 201, 203

255, 255, 255

■ 198, 201, 203

■ 171, 174, 176

■ 144, 147, 149

■ 119, 121, 123

■ 94, 96, 98

■ 70, 73, 75

■ 48, 50, 52


■ 27, 29, 31

■ 0, 4, 6

■ 0, 0, 0

 198, 201, 203


 198, 201, 203

 178, 193, 203


 218, 203, 208

 157, 184, 203


 239, 203, 215

 137, 177, 203


 255, 203, 222

 117, 169, 203


 255, 203, 228

 97, 160, 203


 255, 203, 235

 76, 152, 203


 255, 203, 242

 56, 144, 203

 255, 203, 249

 36, 136, 203

 255, 203, 255

 15, 128, 203

Harmonies

Analogous

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



200, 203, 203



198, 201, 203



197, 200, 203

Triad

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



198, 201, 203



202, 201, 205



206, 202, 199

Complementary

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



198, 201, 203



203, 198, 200

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.



206, 201, 200



198, 201, 203



204, 201, 204

Square

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



198, 201, 203



200, 202, 206



206, 201, 202



201, 204, 198

Rectangle

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



198, 201, 203



198, 201, 204



206, 201, 202



206, 202, 199

Sweetspot

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



198, 201, 203



252, 254, 255



198, 203, 201



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 201, 203



247, 252, 255



198, 200, 203



98, 100, 102



0, 99, 166



0, 23, 38

Inverse Universe

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



203, 198, 200



255, 247, 250



203, 199, 198



102, 98, 99



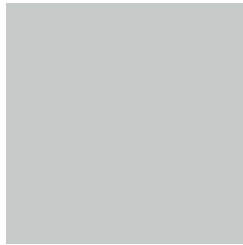
166, 0, 55



38, 0, 13

Previews

White Background



This preview shows how the RYB color 198, 201, 203 looks on a white background.

Color Contrast Check

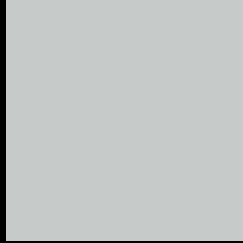
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 198, 201, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

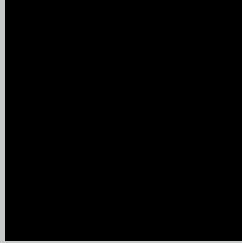
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

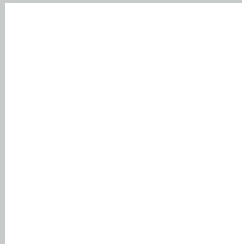
Any Text WCAG AAA ✓ Pass

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

RYB 198, 201, 203 Background



This preview shows how black text looks on a background with the RYB color 198, 201, 203.



This preview shows how white text looks on a background with the RYB color 198, 201, 203.

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
200, 201, 217

Trichromacy



Original Color

198, 201, 203

Protanomaly

202, 203, 200

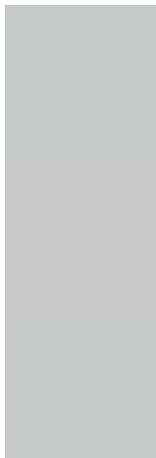
Deuteranomaly

213, 198, 202

Tritanomaly

199, 201, 211

Monochromacy



Original Color

198, 201, 203

Achromatopsia

201, 201, 201

Achromatomaly

200, 201, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 201, 203 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(198, 203, 201)` looks like.

```
.text, #text, p{  
    color:rgb(198, 203, 201)  
}
```

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(198, 203, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 203, 201) }
```

Border

The CSS property to change the border of an element to RYB 198, 201, 203 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(198, 203, 201) }
```

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

```
.border{ border-color:rgb(198, 203, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 203, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 203, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 203, 201);  
box-shadow:4px 4px 4px 4px rgb(198, 203,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 198, 201, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 203, 201) }
```

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

```
.background{ background-color: rgb(198,  
203, 201) }
```

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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