

Converting Colors

`RYB(198, 198, 204)`

Have a look what the booklet for
RYB(198, 198, 204) contains.

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Color

R_YB(198, 198, 204)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6CC
RGB	198, 198, 204
RGB Percent	78%, 78%, 80%
CMY	0.2235, 0.2235, 0.2000
CMYK	0.03, 0.03, 0.00, 0.20
HSL	240°, 6%, 79%
HSV	240°, 3%, 80%
XYZ	54.3819, 56.7536, 65.2150
YIQ	198.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

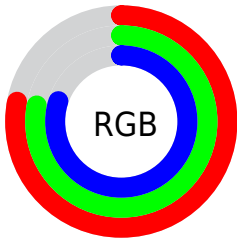
Format	Color
RYB	198, 198, 204
Decimal	13027020
CIELab	80.04, 1.12, -3.00
CIElCh	80, 3.203, 290.484
Yxy	56.7536, 0.3084, 0.3218
Android (android.graphics.Color)	4291217100 (0xFFC6C6CC)
YUV	198.6840, 2.6208, -0.5999
Hunter-Lab	75.3350, -2.9828, 1.4090

Details

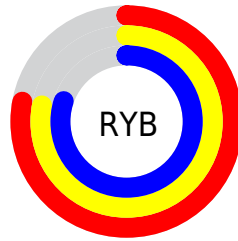
The RYB color **198, 198, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 204, 198**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is 255, 255, 255, and **144, 144, 150** is the 20% darker color. If you saturate the color by 10%, you get **178, 178, 204**, and if you desaturate by 10%, it is **204, 218, 204**.

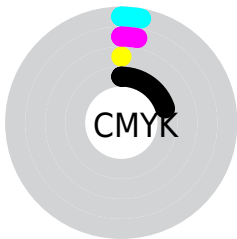
Distribution



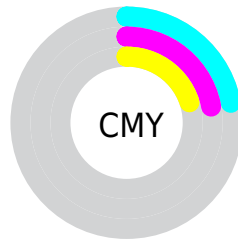
- Red (78%)
- Green (78%)
- Blue (80%)



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



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 198, 204 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, 198, 204 by changing the saturation by 10% instead.

■ 198, 198, 204

255, 255, 255

■ 198, 198, 204

■ 171, 171, 177

■ 144, 144, 150

■ 119, 119, 124

■ 94, 94, 99


■ 70, 70, 75

■ 48, 48, 53

■ 27, 27, 32

■ 0, 0, 8


■ 0, 0, 0

 198, 198, 204


 198, 198, 204

 178, 178, 204


 204, 218, 204

 157, 157, 204

 204, 239, 204

 137, 137, 204

 204, 255, 204

 116, 116, 204

 96, 96, 204

 76, 76, 204

 55, 55, 204

 35, 35, 204

 14, 14, 204

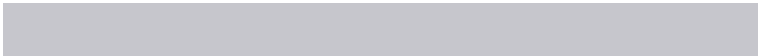
Harmonies

Analogous

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



195, 198, 204



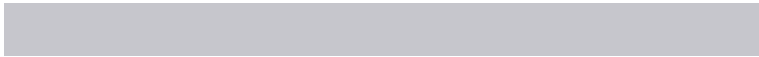
198, 198, 204



202, 197, 202

Triad

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



198, 198, 204



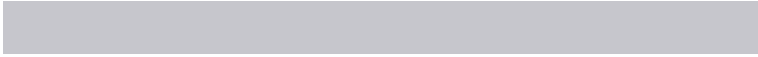
204, 198, 194



193, 197, 200

Complementary

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



198, 198, 204



198, 204, 198

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.



195, 200, 200



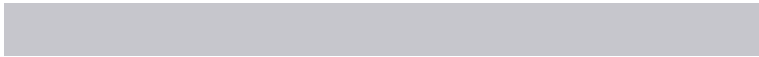
198, 198, 204



200, 202, 193

Square

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



198, 198, 204



205, 197, 196



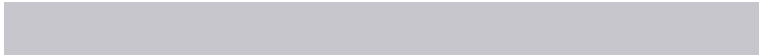
193, 199, 193



191, 196, 200

Rectangle

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



198, 198, 204



203, 197, 201



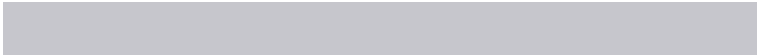
193, 199, 193



193, 198, 200

Sweetspot

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



198, 198, 204



252, 252, 255



198, 201, 204



126, 126, 128



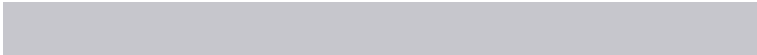
0, 0, 0



128, 128, 128

Same Dimension

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



198, 198, 204



245, 245, 255



201, 198, 204



97, 97, 102



0, 0, 166



0, 0, 38

Inverse Universe

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



204, 198, 204



255, 245, 255



198, 204, 201



102, 97, 102



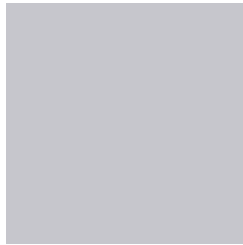
166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RYB color 198, 198, 204 looks on a white background.

Color Contrast Check

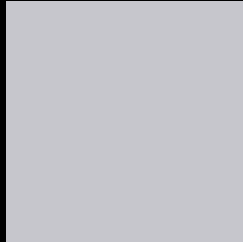
Large Text (above 18pt) WCAG AA × Fail

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, 198, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

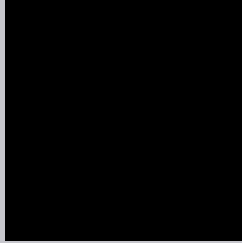
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

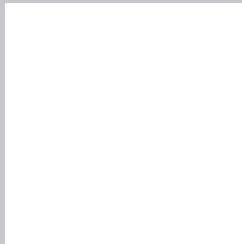
Any Text WCAG AAA ✓ Pass

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

R Y B 198, 198, 204 Background



This preview shows how black text looks on a background with the RYB color 198, 198, 204.

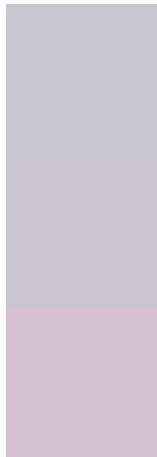


This preview shows how white text looks on a background with the RYB color 198, 198, 204.

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
198, 198, 204

Protanopia
200, 197, 204

Deuteranopia
214, 192, 205



Tritanopia
199, 197, 212

Trichromacy



Original Color

198, 198, 204

Protanomaly

199, 197, 204

Deuteranomaly

208, 194, 205

Tritanomaly

199, 197, 209

Monochromacy



Original Color

198, 198, 204

Achromatopsia

199, 199, 199

Achromatomaly

199, 199, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 198, 204 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, 198, 204) looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 204)  
}
```

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, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 204) }
```

Border

The CSS property to change the border of an element to RYB 198, 198, 204 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, 198, 204) }
```

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

```
.border{ border-color:rgb(198, 198, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 198, 198, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 204) }
```

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

```
.background{ background-color: rgb(198,  
198, 204) }
```

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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