

Converting Colors

`RYB(189, 198, 189)`

Have a look what the booklet for RYB(189, 198, 189) contains.

RYB(189, 198, 189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(189, 198, 189)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6BD
RGB	198, 198, 189
RGB Percent	78%, 78%, 74%
CMY	0.2235, 0.2235, 0.2588
CMYK	0.00, 0.00, 0.05, 0.22
HSL	60°, 7%, 76%
HSV	60°, 5%, 78%
XYZ	52.6681, 56.0681, 56.1904
YIQ	196.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

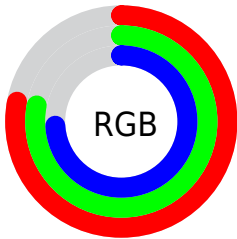
Format	Color
RYB	189, 198, 189
Decimal	13027005
CIELab	79.65, -1.61, 4.50
CIELCh	80, 4.777, 109.733
Yxy	56.0681, 0.3193, 0.3400
Android (android.graphics.Color)	4291217085 (0xFFC6C6BD)
YUV	196.9740, -3.9312, 0.8998
Hunter-Lab	74.8786, -5.4843, 7.9226

Details

The RYB color **189, 198, 189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 189, 198**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **245, 255, 245**, and **136, 144, 136** is the 20% darker color. If you saturate the color by 10%, you get **169, 198, 169**, and if you desaturate by 10%, it is **198, 198, 209**.

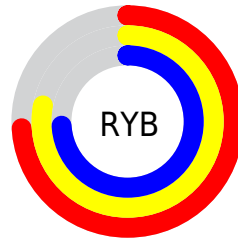
Distribution



Red (78%)

Green (78%)

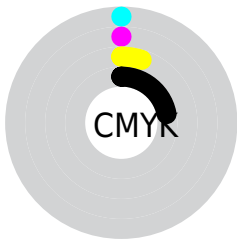
Blue (74%)



Red (74%)

Yellow (78%)

Blue (74%)

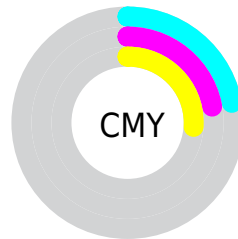


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 198, 189 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 189, 198, 189 by changing the saturation by 10% instead.

 189, 198, 189


255, 255, 255

 245, 255, 245

 189, 198, 189


 162, 171, 162


 136, 144, 136

 110, 119, 110

 86, 94, 86

 63, 70, 63

 41, 48, 41

 21, 27, 21

 0, 0, 0

 189, 198, 189

 189, 198, 189

■ 169, 198, 169

■ 198, 198, 209

■ 149, 198, 149

■ 198, 198, 229

■ 130, 198, 130

■ 198, 198, 248

■ 110, 198, 110

■ 198, 198, 255

■ 90, 198, 90

■ 70, 198, 70

■ 50, 198, 50

■ 31, 198, 31

■ 11, 198, 11

Harmonies

Analogous

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



200, 203, 189



189, 198, 189



192, 199, 198

Triad

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



189, 198, 189



188, 195, 204



206, 195, 199

Complementary

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



189, 198, 189



189, 189, 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.



202, 195, 203



189, 198, 189



191, 196, 206

Square

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



189, 198, 189



187, 194, 200



197, 197, 206



207, 195, 195

Rectangle

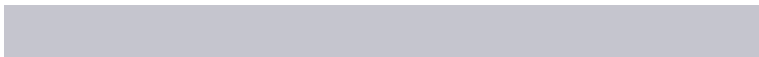
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189, 198, 189



190, 197, 200



197, 197, 206



205, 195, 201

Sweetspot

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



189, 198, 189



252, 255, 252



198, 189, 189



126, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



189, 198, 189



242, 255, 242



189, 198, 193



93, 99, 93



0, 163, 0



0, 36, 0

Inverse Universe

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



189, 189, 198



242, 242, 255



194, 189, 198



93, 93, 99



0, 0, 163



0, 0, 36

Previews

White Background



This preview shows how the RYB color 189, 198, 189 looks on a white background.

Color Contrast Check

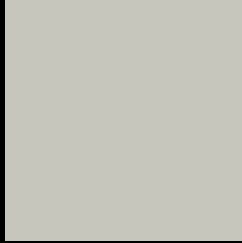
Large Text (above 18pt) WCAG AA × Fail

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 189, 198, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

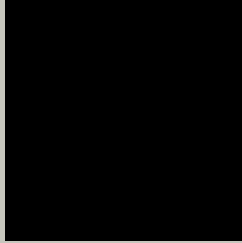
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

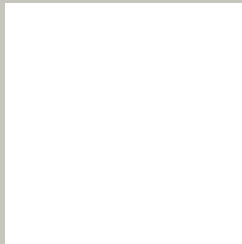
Any Text WCAG AAA ✓ Pass

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

RYB 189, 198, 189 Background



This preview shows how black text looks on a background with the RYB color 189, 198, 189.



This preview shows how white text looks on a background with the RYB color 189, 198, 189.

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
189, 198, 189

Protanopia
201, 203, 188

Deuteranopia
219, 191, 190



Tritanopia
201, 195, 210

Trichromacy



Original Color

189, 198, 189

Protanomaly

194, 201, 188

Deuteranomaly

211, 195, 190

Tritanomaly

200, 196, 202

Monochromacy



Original Color

189, 198, 189

Achromatopsia

197, 197, 197

Achromatomaly

194, 197, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 198, 189 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 189) }
```

Border

The CSS property to change the border of an element to RYB 189, 198, 189 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, 189) }
```

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

```
.border{ border-color:rgb(198, 198, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 189, 198, 189 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, 189) }
```

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

```
.background{ background-color: rgb(198,  
198, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor