

Converting Colors

RGB(190, 190, 204)

Have a look what the booklet for
RGB(190, 190, 204) contains.

RGB(190, 190, 204)	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

RGB(190, 190, 204)

Conversions

Conversions Part 1

Format	Color
Hex	BEBECC
RGB	190, 190, 204
RGB Percent	75%, 75%, 80%
CMY	0.2549, 0.2549, 0.2000
CMYK	0.07, 0.07, 0.00, 0.20
HSL	240°, 12%, 77%
HSV	240°, 7%, 80%
XYZ	50.5477, 52.1337, 64.5254
YIQ	191.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

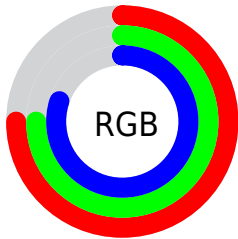
Format	Color
RYB	190, 190, 204
Decimal	12500684
CIELab	77.36, 2.68, -7.02
CIElCh	77, 7.518, 290.875
Yxy	52.1337, 0.3023, 0.3118
Android (android.graphics.Color)	4290690764 (0xFFBEBECC)
YUV	191.5960, 6.1152, -1.3997
Hunter-Lab	72.2037, -1.3936, -2.4424

Details

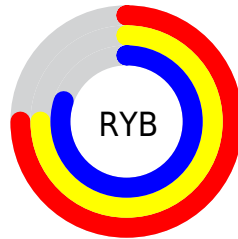
The RGB color **190, 190, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 204, 190**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **246, 246, 255**, and **137, 137, 150** is the 20% darker color. If you saturate the color by 10%, you get **170, 170, 204**, and if you desaturate by 10%, it is **210, 210, 204**.

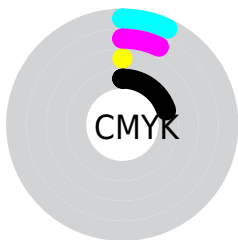
Distribution



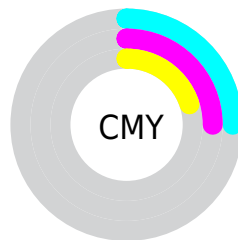
- Red (75%)
- Green (75%)
- Blue (80%)



- Red (75%)
- Yellow (75%)
- Blue (80%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 190, 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 RGB color 190, 190, 204 by changing the saturation by 10% instead.

■ 190, 190, 204

255, 255, 255

■ 246, 246, 255

■ 190, 190, 204

■ 163, 163, 177

■ 137, 137, 150

■ 111, 111, 124

■ 87, 87, 99

■ 63, 64, 75

■ 41, 42, 53


■ 21, 21, 31

■ 0, 0, 6

■ 0, 0, 0

 190, 190, 204

 190, 190, 204

 170, 170, 204

 210, 210, 204

 149, 149, 204

 231, 231, 204

 129, 129, 204

 251, 251, 204

 108, 108, 204

 255, 255, 204

 88, 88, 204

 68, 68, 204

 47, 47, 204

 27, 27, 204

 6, 6, 204

Harmonies

Analogous

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



182, 192, 205



190, 190, 204



198, 188, 200

Triad

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



190, 190, 204



205, 188, 181



177, 195, 189

Complementary

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



190, 190, 204



204, 204, 190

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.



184, 194, 182



190, 190, 204



199, 190, 177

Square

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



190, 190, 204



207, 187, 186



192, 192, 178



174, 195, 196

Rectangle

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



190, 190, 204



203, 187, 196



192, 192, 178



179, 195, 186

Sweetspot

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



190, 190, 204



250, 250, 255



190, 204, 204



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 190, 204



235, 235, 255



197, 190, 204



92, 92, 102



0, 0, 166



0, 0, 38

Inverse Universe

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



204, 190, 204



255, 235, 255



197, 204, 190



102, 92, 102



166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RGB color 190, 190, 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 RGB color 190, 190, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

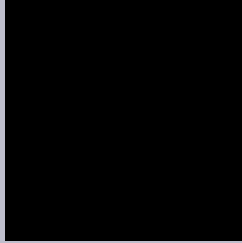
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

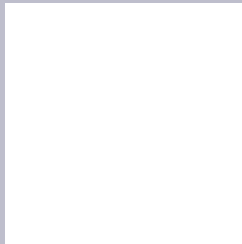
Any Text WCAG AAA ✓ Pass

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

RGB 190, 190, 204 Background



This preview shows how black text looks on a background with the RGB color 190, 190, 204.

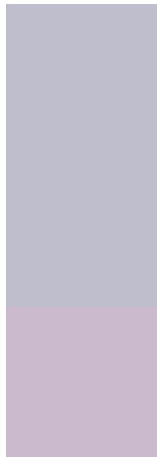


This preview shows how white text looks on a background with the RGB color 190, 190, 204.

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](#).

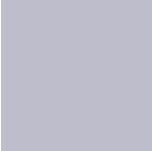
Dichromacy



Original Color
190, 190, 204

Protanopia
191, 190, 204

Deuteranopia
203, 186, 205



Tritanopia
190, 190, 205

Trichromacy



Original Color

190, 190, 204

Protanomaly

191, 190, 204

Deuteranomaly

198, 187, 205

Tritanomaly

190, 190, 205

Monochromacy



Original Color

190, 190, 204

Achromatopsia

192, 192, 192

Achromatomaly

191, 191, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 190, 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(190, 190, 204) looks like.

```
.text, #text, p{  
    color:rgb(190, 190, 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(190, 190, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 190, 204) }
```

Border

The CSS property to change the border of an element to RGB 190, 190, 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(190, 190, 204) }
```

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

```
.border{ border-color:rgb(190, 190, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 190, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 190, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 190, 204);  
box-shadow:4px 4px 4px 4px rgb(190, 190,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 190, 190, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 190, 204) }
```

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

```
.background{ background-color: rgb(190,  
190, 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](#).

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