

Converting Colors

RGB(189, 188, 187)

Have a look what the booklet for
RGB(189, 188, 187) contains.

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Color

RGB(189, 188, 187)

Conversions

Conversions Part 1

Format	Color
Hex	BDBCBB
RGB	189, 188, 187
RGB Percent	74%, 74%, 73%
CMY	0.2588, 0.2627, 0.2667
CMYK	0.00, 0.01, 0.01, 0.26
HSL	30°, 1%, 74%
HSV	30°, 1%, 74%
XYZ	47.9391, 50.3731, 54.2100
YIQ	188.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

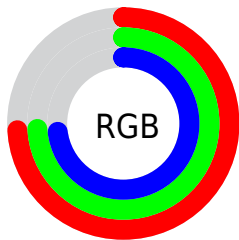
Format	Color
RYB	189, 189, 187
Decimal	12434619
CIELab	76.30, 0.17, 0.62
CIELCh	76, 0.642, 74.745
Yxy	50.3731, 0.3143, 0.3303
Android (android.graphics.Color)	4290624699 (0xFFBDBCBB)
YUV	188.1850, -0.5842, 0.7148
Hunter-Lab	70.9740, -3.6374, 4.3960

Details

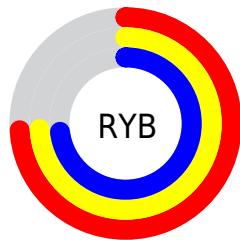
The RGB color **189, 188, 187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 188, 189**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **245, 244, 243**, and **136, 135, 134** is the 20% darker color. If you saturate the color by 10%, you get **189, 179, 168**, and if you desaturate by 10%, it is **189, 197, 206**.

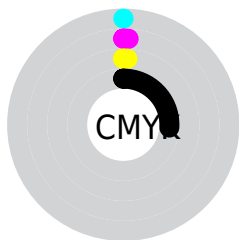
Distribution



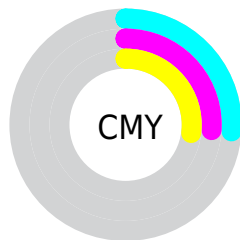
- Red (74%)
- Green (74%)
- Blue (73%)



- Red (74%)
- Yellow (74%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (26%)



- Cyan (26%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 188, 187 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 189, 188, 187 by changing the saturation by 10% instead.

■ 189, 188, 187

255, 255, 255

■ 245, 244, 243

■ 189, 188, 187

■ 162, 161, 160

■ 136, 135, 134

■ 110, 110, 109

■ 86, 85, 84

■ 63, 62, 61

■ 41, 40, 40

■ 21, 20, 19

■ 0, 0, 0

■ 189, 188, 187

■ 189, 188, 187

 189, 179, 168

 189, 197, 206

 189, 169, 149


 189, 207, 225

 189, 160, 130


 189, 216, 244

 189, 150, 111


 189, 226, 255

 189, 141, 92


 189, 235, 255

 189, 131, 74


 189, 245, 255

 189, 122, 55

 189, 254, 255

 189, 112, 36

 189, 255, 255

 189, 103, 17

Harmonies

Analogous

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



189, 188, 187



189, 188, 187



188, 188, 187

Triad

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



189, 188, 187



187, 189, 188



189, 188, 189

Complementary

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



189, 188, 187



187, 188, 189

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.



188, 188, 189



189, 188, 187



187, 188, 189

Square

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



189, 188, 187



187, 188, 188



187, 188, 189



189, 188, 188

Rectangle

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



189, 188, 187



188, 188, 187



187, 188, 189



188, 188, 189

Sweetspot

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



189, 188, 187



245, 245, 245



189, 187, 188



122, 122, 122



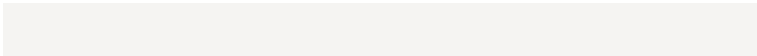
250, 250, 250

Same Dimension

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



189, 188, 187



245, 244, 242



189, 189, 187



94, 94, 93



158, 79, 0



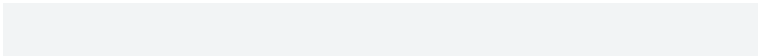
31, 15, 0

Inverse Universe

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



187, 188, 189



242, 244, 245



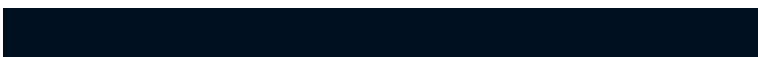
187, 187, 189



93, 94, 94



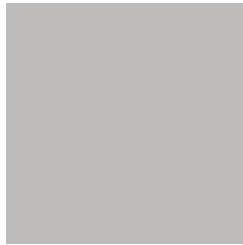
0, 79, 158



0, 15, 31

Previews

White Background



This preview shows how the RGB color 189, 188, 187 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 189, 188, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

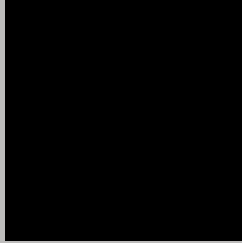
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

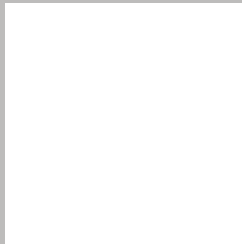
Any Text WCAG AAA ✓ Pass

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

RGB 189, 188, 187 Background



This preview shows how black text looks on a background with the RGB color 189, 188, 187.



This preview shows how white text looks on a background with the RGB color 189, 188, 187.

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, 188, 187

Protanopia

192, 187, 187

Deuteranopia

206, 182, 188



Tritanopia
191, 186, 201

Trichromacy



Original Color

189, 188, 187

Protanomaly

191, 187, 187

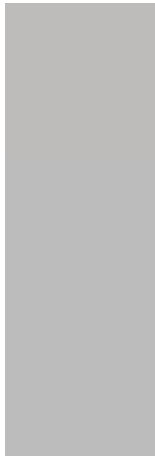
Deuteranomaly

200, 184, 188

Tritanomaly

190, 187, 196

Monochromacy



Original Color

189, 188, 187

Achromatopsia

188, 188, 188

Achromatomaly

188, 188, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 188, 187 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(189, 188, 187) looks like.

```
.text, #text, p{  
    color:rgb(189, 188, 187)  
}
```

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(189, 188, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 188, 187) }
```

Border

The CSS property to change the border of an element to RGB 189, 188, 187 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(189, 188, 187) }
```

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

```
.border{ border-color:rgb(189, 188, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 188, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 188,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 189, 188, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 188, 187) }
```

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

```
.background{ background-color: rgb(189,  
188, 187) }
```

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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