

Converting Colors

`RYB(189, 188, 207)`

Have a look what the booklet for
RYB(189, 188, 207) contains.

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Color

R_YB(189, 188, 207)

Conversions

Conversions Part 1

Format	Color
Hex	BDBCCF
RGB	189, 188, 207
RGB Percent	74%, 74%, 81%
CMY	0.2588, 0.2627, 0.1882
CMYK	0.09, 0.09, 0.00, 0.19
HSL	243°, 17%, 77%
HSV	243°, 9%, 81%
XYZ	50.2320, 51.2903, 66.2840
YIQ	190.4650, -5.5030, 6.1210

Conversions

Conversions Part 2

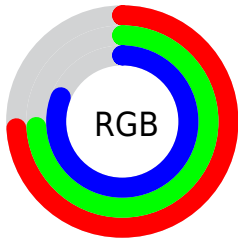
Format	Color
RYB	189, 188, 207
Decimal	12434639
CIELab	76.85, 4.02, -9.41
CIELCh	77, 10.231, 293.110
Yxy	51.2903, 0.2993, 0.3057
Android (android.graphics.Color)	4290624719 (0xFFBDBCCF)
YUV	190.4650, 8.1518, -1.2848
Hunter-Lab	71.6172, -0.1311, -4.7427

Details

The RYB color **189, 188, 207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 207, 189**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **245, 244, 255**, and **136, 135, 153** is the 20% darker color. If you saturate the color by 10%, you get **169, 167, 207**, and if you desaturate by 10%, it is **207, 209, 207**.

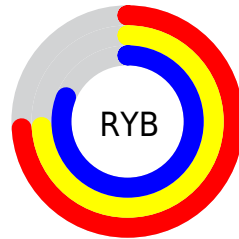
Distribution



Red (74%)

Green (74%)

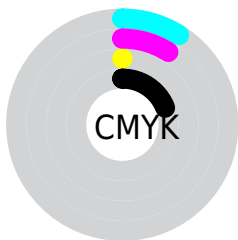
Blue (81%)



Red (74%)

Yellow (74%)

Blue (81%)

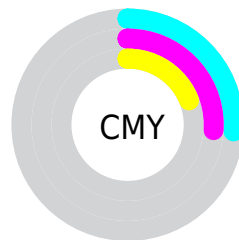


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (19%)



Cyan (26%)

Magenta (26%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 188, 207 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, 188, 207 by changing the saturation by 10% instead.

■ 189, 188, 207

255, 255, 255

■ 245, 244, 255

■ 189, 188, 207

■ 162, 161, 179

■ 136, 135, 153

■ 110, 110, 127

■ 86, 85, 102

■ 62, 62, 78

■ 40, 40, 55

■ 20, 20, 34

■ 0, 0, 10

■ 0, 0, 0

■ 189, 188, 207

■ 189, 188, 207

■ 169, 167, 207

■ 207, 209, 207

■ 150, 147, 207

■ 207, 229, 208

■ 130, 126, 207

■ 207, 250, 209

■ 111, 105, 207

■ 207, 255, 207

■ 91, 85, 207

■ 71, 64, 207

■ 52, 43, 207

■ 32, 22, 207

■ 13, 2, 207

Harmonies

Analogous

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



177, 187, 208



189, 188, 207



200, 185, 201

Triad

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



189, 188, 207



207, 190, 175



170, 185, 195

Complementary

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



189, 188, 207



188, 207, 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.



178, 194, 193



189, 188, 207



191, 200, 171

Square

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



189, 188, 207



210, 184, 183



172, 191, 173



166, 181, 197

Rectangle

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



189, 188, 207



206, 184, 195



172, 191, 173



172, 187, 195

Sweetspot

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



189, 188, 207



248, 247, 255



188, 197, 207



123, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 188, 207



228, 227, 255



198, 188, 207



95, 94, 105



9, 0, 168



2, 0, 41

Inverse Universe

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



207, 188, 206



255, 227, 254



188, 207, 198



105, 94, 104



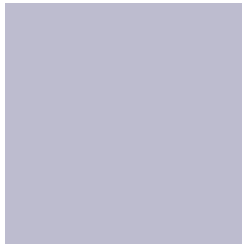
168, 0, 159



41, 0, 39

Previews

White Background



This preview shows how the RYB color 189, 188, 207 looks on a white background.

Color Contrast Check

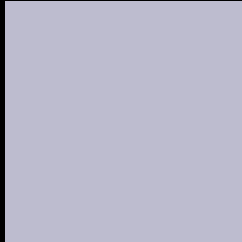
Large Text (above 18pt) WCAG AA × Fail

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, 188, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

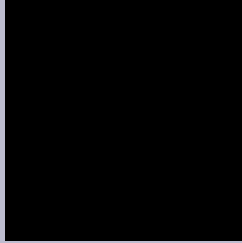
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

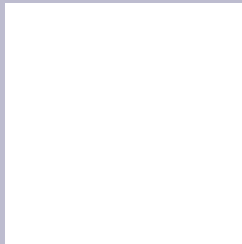
Any Text WCAG AAA ✓ Pass

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

RYB 189, 188, 207 Background



This preview shows how black text looks on a background with the RYB color 189, 188, 207.

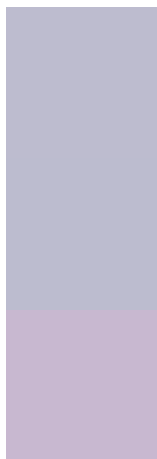


This preview shows how white text looks on a background with the RYB color 189, 188, 207.

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, 207

Protanopia

188, 188, 207

Deuteranopia

200, 184, 208



Tritanopia
188, 189, 203

Trichromacy



Original Color
189, 188, 207

Protanomaly
188, 188, 207

Deuteranomaly
196, 185, 208

Tritanomaly
188, 189, 204

Monochromacy



Original Color
189, 188, 207

Achromatopsia
190, 190, 190

Achromatomaly
190, 189, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 188, 207 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, 207) looks like.

```
.text, #text, p{  
    color:rgb(189, 188, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 188, 207) }
```

Border

The CSS property to change the border of an element to RYB 189, 188, 207 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, 207) }
```

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

```
.border{ border-color:rgb(189, 188, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 188, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 188, 207);  
box-shadow:4px 4px 4px 4px rgb(189, 188,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 189, 188, 207 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, 207) }
```

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

```
.background{ background-color: rgb(189,  
188, 207) }
```

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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