

Converting Colors

RGB(189, 178, 202)

Have a look what the booklet for
RGB(189, 178, 202) contains.

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Color

RGB(189, 178, 202)

Conversions

Conversions Part 1

Format	Color
Hex	BDB2CA
RGB	189, 178, 202
RGB Percent	74%, 70%, 79%
CMY	0.2588, 0.3020, 0.2078
CMYK	0.06, 0.12, 0.00, 0.21
HSL	268°, 18%, 75%
HSV	268°, 12%, 79%
XYZ	47.5673, 46.9239, 62.4273
YIQ	184.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

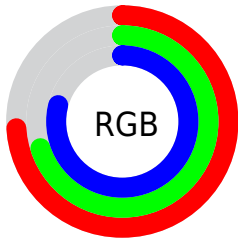
Format	Color
RYB	189, 178, 202
Decimal	12432074
CIELab	74.14, 8.43, -10.73
CIELCh	74, 13.651, 308.153
Yxy	46.9239, 0.3031, 0.2990
Android (android.graphics.Color)	4290622154 (0xFFBDB2CA)
YUV	184.0250, 8.8617, 4.3631
Hunter-Lab	68.5010, 4.0743, -6.0823

Details

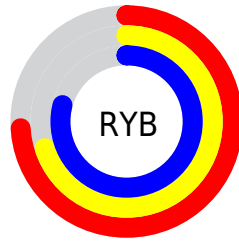
The RGB color **189, 178, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **191, 202, 178**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **245, 234, 255**, and **136, 125, 148** is the 20% darker color. If you saturate the color by 10%, you get **178, 158, 202**, and if you desaturate by 10%, it is **200, 198, 202**.

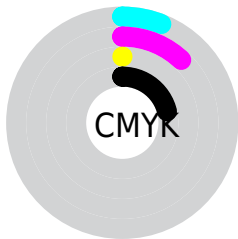
Distribution



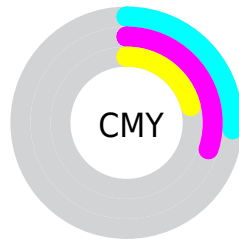
- Red (74%)
- Green (70%)
- Blue (79%)



- Red (74%)
- Yellow (70%)
- Blue (79%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (26%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 178, 202 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, 178, 202 by changing the saturation by 10% instead.


 189, 178, 202


255, 255, 255

 245, 234, 255

 189, 178, 202


 162, 151, 175


 136, 125, 148

 110, 100, 122

 86, 77, 97

 62, 54, 74

 40, 32, 51

 21, 10, 30

 0, 0, 2

 0, 0, 0

■ 189, 178, 202

■ 189, 178, 202

■ 178, 158, 202

■ 200, 198, 202

■ 167, 138, 202

■ 211, 218, 202

■ 156, 117, 202

■ 222, 239, 202

■ 145, 97, 202

■ 233, 255, 202

■ 134, 77, 202

■ 244, 255, 202

■ 123, 57, 202

■ 255, 255, 202

■ 112, 37, 202

■ 255, 255, 202

■ 101, 16, 202

■ 93, 0, 202

Harmonies

Analogous

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



173, 182, 207



189, 178, 202



202, 175, 192

Triad

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



189, 178, 202



201, 178, 159



152, 190, 185

Complementary

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



189, 178, 202



191, 202, 178

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.



161, 189, 173



189, 178, 202



189, 182, 158

Square

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



189, 178, 202



208, 175, 167



175, 186, 162



151, 189, 197

Rectangle

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



189, 178, 202



207, 174, 184



175, 186, 162



154, 190, 181

Sweetspot

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



189, 178, 202



249, 245, 255



178, 191, 202



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 178, 202



236, 219, 255



201, 178, 202



96, 92, 102



76, 0, 166



18, 0, 38

Inverse Universe

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



202, 178, 191



255, 219, 239



179, 202, 178



102, 92, 97



166, 0, 90



38, 0, 21

Previews

White Background



This preview shows how the RGB color 189, 178, 202 looks on a white background.

Color Contrast Check

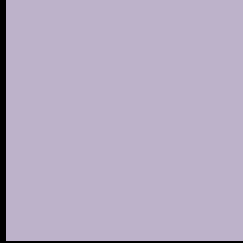
Large Text (above 18pt) WCAG AA × Fail

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, 178, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

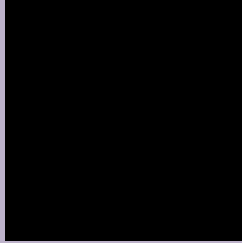
Any Text WCAG AA ✓ Pass

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, 178, 202 Background



This preview shows how black text looks on a background with the RGB color 189, 178, 202.



This preview shows how white text looks on a background with the RGB color 189, 178, 202.

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, 178, 202

Protanopia
179, 181, 204

Deuteranopia
191, 177, 202



Tritanopia
188, 179, 194

Trichromacy



Original Color
189, 178, 202

Protanomaly
183, 180, 203

Deuteranomaly
190, 177, 202

Tritanomaly
188, 179, 197

Monochromacy



Original Color
189, 178, 202

Achromatopsia
184, 184, 184

Achromatomaly
186, 182, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 178, 202 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, 178, 202) looks like.

```
.text, #text, p{  
    color:rgb(189, 178, 202)  
}
```

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, 178, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 178, 202) }
```

Border

The CSS property to change the border of an element to RGB 189, 178, 202 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, 178, 202) }
```

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

```
.border{ border-color:rgb(189, 178, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 178, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 178, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 178, 202);  
box-shadow:4px 4px 4px 4px rgb(189, 178,  
202) }
```

Background

The CSS property to change the background color of an element to RGB 189, 178, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 178, 202) }
```

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

```
.background{ background-color: rgb(189,  
178, 202) }
```

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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