

Converting Colors

RGB(213, 189, 208)

Have a look what the booklet for
RGB(213, 189, 208) contains.

RGB(213, 189, 208)	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(213, 189, 208)

Conversions

Conversions Part 1

Format	Color
Hex	D5BDD0
RGB	213, 189, 208
RGB Percent	84%, 74%, 82%
CMY	0.1647, 0.2588, 0.1843
CMYK	0.00, 0.11, 0.02, 0.16
HSL	312°, 22%, 79%
HSV	312°, 11%, 84%
XYZ	57.0233, 55.0954, 67.3035
YIQ	198.3420, 8.2050, 10.9970

Conversions

Conversions Part 2

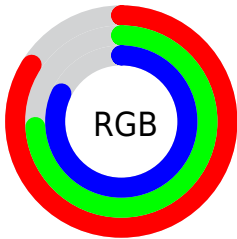
Format	Color
R _Y B	213, 189, 208
Decimal	14007760
CIE Lab	79.10, 11.81, -6.41
CIE LCh	79, 13.435, 331.504
Yxy	55.0954, 0.3178, 0.3071
Android (android.graphics.Color)	4292197840 (0xFFD5BDD0)
YUV	198.3420, 4.7614, 12.8551
Hunter-Lab	74.2263, 7.2343, -1.8019

Details

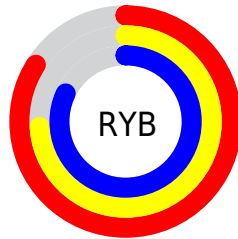
The RGB color **213, 189, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 213, 194**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 245, 255**, and **158, 136, 154** is the 20% darker color. If you saturate the color by 10%, you get **213, 168, 204**, and if you desaturate by 10%, it is **213, 210, 212**.

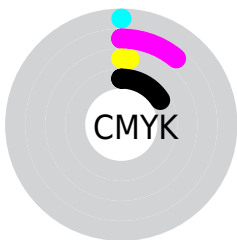
Distribution



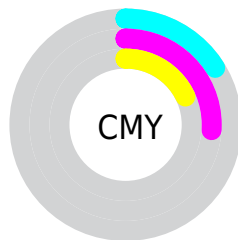
- Red (84%)
- Green (74%)
- Blue (82%)



- Red (84%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 189, 208 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 213, 189, 208 by changing the saturation by 10% instead.

■ 213, 189, 208

255, 255, 255

■ 255, 245, 255

■ 213, 189, 208

■ 185, 162, 180

■ 158, 136, 154

■ 132, 110, 128

■ 107, 86, 103

■ 82, 63, 79

■ 59, 40, 56

■ 37, 20, 34

■ 14, 0, 12

■ 0, 0, 0

 213, 189, 208

 213, 189, 208

 213, 168, 204

 213, 210, 212

 213, 146, 199


 213, 232, 217

 213, 125, 195

 213, 253, 221

 213, 104, 190


 213, 255, 226

 213, 83, 186


 213, 255, 230

 213, 61, 181


 213, 255, 235

 213, 40, 177

 213, 255, 239

 213, 19, 172

 213, 255, 244

 213, 0, 169

 213, 255, 248

Harmonies

Analogous

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



199, 192, 217



213, 189, 208



221, 187, 196

Triad

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



213, 189, 208



206, 195, 171



164, 203, 208

Complementary

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



213, 189, 208



189, 213, 194

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.



167, 203, 196



213, 189, 208



191, 199, 174

Square

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



213, 189, 208



217, 191, 174



177, 202, 184



170, 200, 217

Rectangle

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



213, 189, 208



223, 188, 187



177, 202, 184



164, 203, 204

Sweetspot

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



213, 189, 208



255, 247, 253



194, 189, 213



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

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



213, 189, 208



255, 219, 248



213, 189, 196



107, 96, 105



171, 0, 135



43, 0, 34

Inverse Universe

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



213, 189, 208



255, 219, 248



189, 213, 206



107, 96, 105



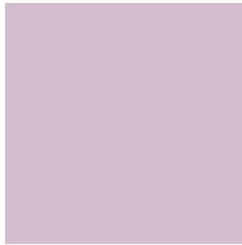
171, 0, 135



43, 0, 34

Previews

White Background



This preview shows how the RGB color 213, 189, 208 looks on a white background.

Color Contrast Check

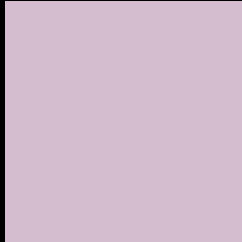
Large Text (above 18pt) WCAG AA × Fail

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 213, 189, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

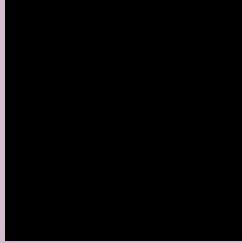
Any Text WCAG AA ✓ Pass

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 213, 189, 208 Background



This preview shows how black text looks on a background with the RGB color 213, 189, 208.



This preview shows how white text looks on a background with the RGB color 213, 189, 208.

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
213, 189, 208

Protanopia
195, 195, 211

Deuteranopia
210, 190, 208



Tritanopia
212, 190, 204

Trichromacy



Original Color

213, 189, 208

Protanomaly

202, 193, 210

Deuteranomaly

211, 190, 208

Tritanomaly

212, 190, 205

Monochromacy



Original Color

213, 189, 208

Achromatopsia

198, 198, 198

Achromatomaly

203, 195, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 189, 208 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(213, 189, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 208)  
}
```

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(213, 189, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 208) }
```

Border

The CSS property to change the border of an element to RGB 213, 189, 208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

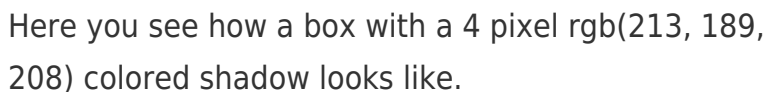
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 189, 208) }
```

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

```
.border{ border-color:rgb(213, 189, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 189, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 189, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 189, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 189,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 213, 189, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 208) }
```

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

```
.background{ background-color: rgb(213,  
189, 208) }
```

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