

Converting Colors

RGB(204, 189, 204)

Have a look what the booklet for
RGB(204, 189, 204) contains.

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Color

RGB(204, 189, 204)

Conversions

Conversions Part 1

Format	Color
Hex	CCBDCC
RGB	204, 189, 204
RGB Percent	80%, 74%, 80%
CMY	0.2000, 0.2588, 0.2000
CMYK	0.00, 0.07, 0.00, 0.20
HSL	300°, 13%, 77%
HSV	300°, 7%, 80%
XYZ	53.9985, 53.5922, 64.6250
YIQ	195.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

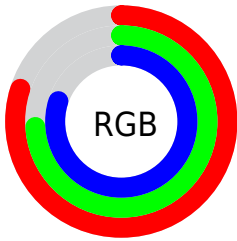
Format	Color
R_{YB}	204, 189, 204
Decimal	13417932
CIE _{Lab}	78.22, 7.98, -5.62
CIE _{LCh}	78, 9.760, 324.816
Yxy	53.5922, 0.3136, 0.3112
Android (android.graphics.Color)	4291608012 (0xFFCCBDCC)
YUV	195.1950, 4.3409, 7.7220
Hunter-Lab	73.2067, 3.5530, -1.0951

Details

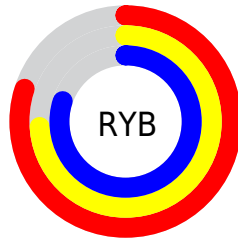
The RGB color **204, 189, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **189, 204, 189**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 245, 255**, and **150, 136, 150** is the 20% darker color. If you saturate the color by 10%, you get **204, 169, 204**, and if you desaturate by 10%, it is **204, 209, 204**.

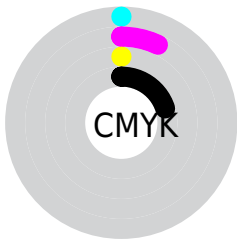
Distribution



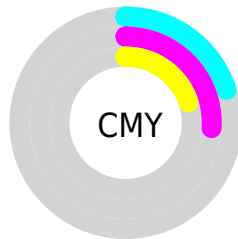
- Red (80%)
- Green (74%)
- Blue (80%)



- Red (80%)
- Yellow (74%)
- Blue (80%)



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





- Cyan (20%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RGB color 204, 189, 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 204, 189, 204 by changing the saturation by 10% instead.

 204, 189, 204


 204, 189, 204

255, 255, 255

 177, 162, 177

 255, 245, 255


 150, 136, 150

 124, 110, 124

 99, 86, 99


 75, 63, 75


 52, 41, 53

 31, 20, 31

 0, 0, 6


 0, 0, 0

 204, 189, 204


 204, 189, 204

 204, 169, 204

 204, 209, 204

 204, 148, 204

 204, 230, 204


 204, 128, 204

 204, 250, 204

 204, 107, 204

 204, 255, 204

 204, 87, 204

 204, 67, 204

 204, 46, 204

 204, 26, 204

 204, 5, 204

Harmonies

Analogous

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



193, 192, 210



204, 189, 204



211, 188, 195

Triad

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



204, 189, 204



203, 192, 176



171, 199, 201

Complementary

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



204, 189, 204



189, 204, 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.



174, 199, 191



204, 189, 204



193, 195, 177

Square

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



204, 189, 204



210, 189, 179



182, 198, 183



174, 197, 208

Rectangle

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



204, 189, 204



213, 187, 189



182, 198, 183



172, 199, 198

Sweetspot

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



204, 189, 204



255, 250, 255



189, 189, 204



128, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 189, 204



255, 232, 255



204, 189, 197



102, 92, 102



166, 0, 166



38, 0, 38

Inverse Universe

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



204, 189, 204



255, 232, 255



189, 204, 197



102, 92, 102



166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RGB color 204, 189, 204 looks on a white background.

Color Contrast Check

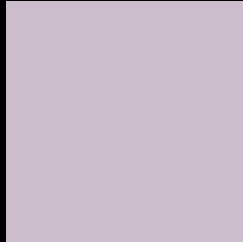
Large Text (above 18pt) WCAG AA × Fail

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 204, 189, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

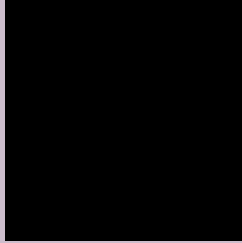
Any Text WCAG AA ✓ Pass

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 204, 189, 204 Background



This preview shows how black text looks on a background with the RGB color 204, 189, 204.

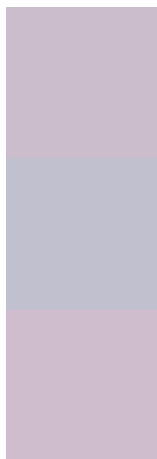


This preview shows how white text looks on a background with the RGB color 204, 189, 204.

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


204, 189, 204

Protanopia

193, 192, 206

Deuteranopia

207, 188, 204



Tritanopia
204, 189, 204

Trichromacy



Original Color

204, 189, 204

Protanomaly

197, 191, 205

Deuteranomaly

206, 188, 204

Tritanomaly

204, 189, 204

Monochromacy



Original Color

204, 189, 204

Achromatopsia

195, 195, 195

Achromatomaly

198, 193, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 189, 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(204, 189, 204) looks like.

```
.text, #text, p{  
    color:rgb(204, 189, 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(204, 189, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 189, 204) }
```

Border

The CSS property to change the border of an element to RGB 204, 189, 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(204, 189, 204) }
```

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

```
.border{ border-color:rgb(204, 189, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 189, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 189, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 189, 204);  
box-shadow:4px 4px 4px 4px rgb(204, 189,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 204, 189, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 189, 204) }
```

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

```
.background{ background-color: rgb(204,  
189, 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](#).

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