

Converting Colors

RGB(203, 185, 219)

Have a look what the booklet for
RGB(203, 185, 219) contains.

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Color

RGB(203, 185, 219)

Conversions

Conversions Part 1

Format	Color
Hex	CBB9DB
RGB	203, 185, 219
RGB Percent	80%, 73%, 86%
CMY	0.2039, 0.2745, 0.1412
CMYK	0.07, 0.16, 0.00, 0.14
HSL	272°, 32%, 79%
HSV	272°, 16%, 86%
XYZ	54.7637, 52.5089, 74.2667
YIQ	194.2580, -0.1860, 14.3900

Conversions

Conversions Part 2

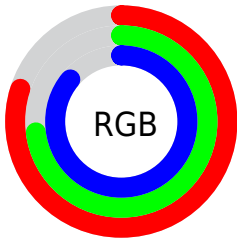
Format	Color
R _Y B	203, 185, 219
Decimal	13351387
CIE Lab	77.58, 12.68, -14.70
CIE LCh	78, 19.413, 310.778
Yxy	52.5089, 0.3017, 0.2892
Android (android.graphics.Color)	4291541467 (0xFFCBB9DB)
YUV	194.2580, 12.1978, 7.6667
Hunter-Lab	72.4630, 8.0906, -10.0417

Details

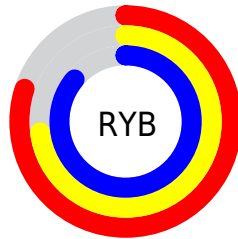
The RGB color `203, 185, 219` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `201, 219, 185`, and the grayscale version is `194, 194, 194`.

A 20% lighter version of the original color is `255, 241, 255`, and `149, 132, 164` is the 20% darker color. If you saturate the color by 10%, you get `193, 163, 219`, and if you desaturate by 10%, it is `213, 207, 219`.

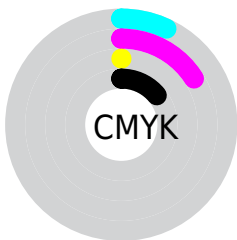
Distribution



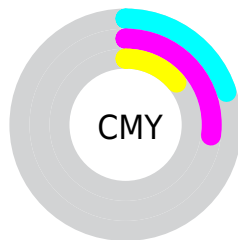
- Red (80%)
- Green (73%)
- Blue (86%)



- Red (80%)
- Yellow (73%)
- Blue (86%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 203, 185, 219 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 203, 185, 219 by changing the saturation by 10% instead.

■ 203, 185, 219

■ 203, 185, 219

255, 255, 255

■ 175, 158, 191

■ 255, 241, 255

■ 149, 132, 164

■ 123, 107, 138

■ 98, 82, 112

■ 74, 59, 88

■ 51, 37, 64


■ 29, 17, 42

■ 0, 0, 22


■ 0, 0, 0

 203, 185, 219


 203, 185, 219

 193, 163, 219

 213, 207, 219

 182, 141, 219


 224, 229, 219

 172, 119, 219


 234, 251, 219

 162, 97, 219


 244, 255, 219


 151, 76, 219


 255, 255, 219

 141, 54, 219

 255, 255, 219

 131, 32, 219

 121, 10, 219

 116, 0, 219

Harmonies

Analogous

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



180, 191, 227



203, 185, 219



221, 180, 204

Triad

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



203, 185, 219



216, 187, 158



146, 202, 198

Complementary

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



203, 185, 219



201, 219, 185

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.



159, 201, 179



203, 185, 219



199, 193, 156

Square

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



203, 185, 219



227, 182, 169



179, 198, 164



145, 201, 215

Rectangle

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



203, 185, 219



227, 179, 192



179, 198, 164



149, 202, 192

Sweetspot

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



203, 185, 219



249, 242, 255



185, 201, 219



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



203, 185, 219



232, 207, 255



219, 185, 218



104, 99, 110



92, 0, 173



24, 0, 46

Inverse Universe

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



219, 185, 201



255, 207, 229



185, 219, 186



110, 99, 104



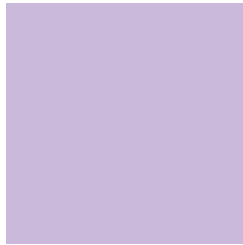
173, 0, 82



46, 0, 22

Previews

White Background



This preview shows how the RGB color 203, 185, 219 looks on a white background.

Color Contrast Check

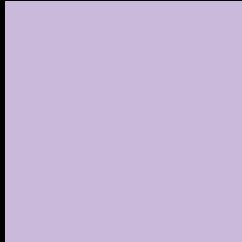
Large Text (above 18pt) WCAG AA × Fail

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 203, 185, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

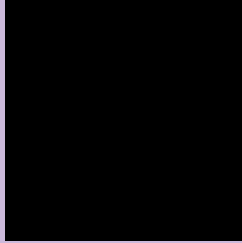
Any Text WCAG AA ✓ Pass

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 203, 185, 219 Background



This preview shows how black text looks on a background with the RGB color 203, 185, 219.



This preview shows how white text looks on a background with the RGB color 203, 185, 219.

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
203, 185, 219

Protanopia
186, 190, 222

Deuteranopia
198, 187, 219



Tritanopia
200, 188, 203

Trichromacy



Original Color

203, 185, 219

Protanomaly

192, 188, 221

Deuteranomaly

200, 186, 219

Tritanomaly

201, 187, 209

Monochromacy



Original Color

203, 185, 219

Achromatopsia

194, 194, 194

Achromatomaly

197, 191, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 203, 185, 219 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(203, 185, 219)` looks like.

```
.text, #text, p{  
    color:rgb(203, 185, 219)  
}
```

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(203, 185, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 185, 219) }
```

Border

The CSS property to change the border of an element to RGB 203, 185, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

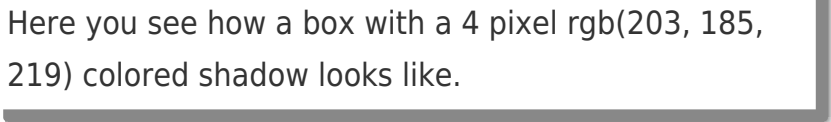
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 185, 219) }
```

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

```
.border{ border-color:rgb(203, 185, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 185, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 185, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 185, 219);  
box-shadow:4px 4px 4px 4px rgb(203, 185,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 203, 185, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 185, 219) }
```

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

```
.background{ background-color: rgb(203,  
185, 219) }
```

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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