

Converting Colors

RGB(204, 185, 218)

Have a look what the booklet for
RGB(204, 185, 218) contains.

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Color

RGB(204, 185, 218)

Conversions

Conversions Part 1

Format	Color
Hex	CCB9DA
RGB	204, 185, 218
RGB Percent	80%, 73%, 85%
CMY	0.2000, 0.2745, 0.1451
CMYK	0.06, 0.15, 0.00, 0.15
HSL	275°, 31%, 79%
HSV	275°, 15%, 85%
XYZ	54.9057, 52.5972, 73.5881
YIQ	194.4430, 0.7310, 14.2910

Conversions

Conversions Part 2

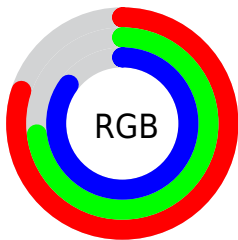
Format	Color
R_{YB}	204, 185, 218
Decimal	13416922
CIE _{Lab}	77.64, 12.81, -14.07
CIE _{LCh}	78, 19.031, 312.317
Yxy	52.5972, 0.3032, 0.2904
Android (android.graphics.Color)	4291607002 (0xFFCCB9DA)
YUV	194.4430, 11.6136, 8.3815
Hunter-Lab	72.5240, 8.2200, -9.3932

Details

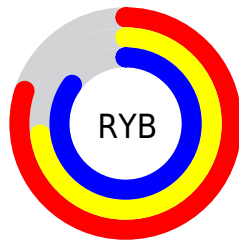
The RGB color `204, 185, 218` is a light color, and the websafe version is hex `C4CCFF`. A complement of this color would be `199, 218, 185`, and the grayscale version is `194, 194, 194`.

A 20% lighter version of the original color is `255, 241, 255`, and `150, 132, 163` is the 20% darker color. If you saturate the color by 10%, you get `195, 163, 218`, and if you desaturate by 10%, it is `213, 207, 218`.

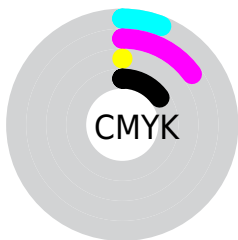
Distribution



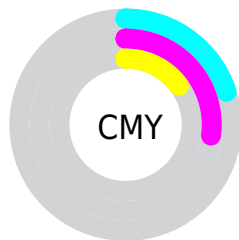
- Red (80%)
- Green (73%)
- Blue (85%)



- Red (80%)
- Yellow (73%)
- Blue (85%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 185, 218 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, 185, 218 by changing the saturation by 10% instead.

■ 204, 185, 218

255, 255, 255

■ 255, 241, 255

■ 204, 185, 218

■ 176, 158, 190

■ 150, 132, 163

■ 124, 107, 137

■ 99, 82, 111


■ 75, 59, 87

■ 52, 37, 64

■ 30, 17, 41

■ 0, 0, 21

■ 0, 0, 0

 204, 185, 218


 204, 185, 218

 195, 163, 218

 213, 207, 218

 186, 141, 218


 222, 229, 218

 176, 120, 218

 232, 250, 218

 167, 98, 218


 241, 255, 218


 158, 76, 218

 250, 255, 218

 149, 54, 218

 255, 255, 218

 139, 32, 218

 130, 11, 218

 126, 0, 218

Harmonies

Analogous

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



181, 191, 226



204, 185, 218



221, 181, 203

Triad

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



204, 185, 218



215, 187, 159



147, 202, 199

Complementary

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



204, 185, 218



199, 218, 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, 181



204, 185, 218



198, 193, 157

Square

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



204, 185, 218



226, 182, 169



178, 198, 165



146, 201, 215

Rectangle

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



204, 185, 218



227, 180, 191



178, 198, 165



150, 202, 193

Sweetspot

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



204, 185, 218



250, 242, 255



185, 199, 218



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 185, 218



236, 209, 255



218, 185, 216



105, 99, 110



100, 0, 173



26, 0, 46

Inverse Universe

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



218, 185, 199



255, 209, 229



185, 218, 187



110, 99, 103



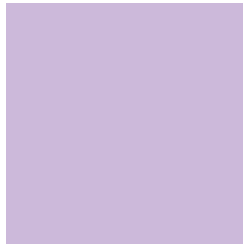
173, 0, 74



46, 0, 19

Previews

White Background



This preview shows how the RGB color 204, 185, 218 looks on a white background.

Color Contrast Check

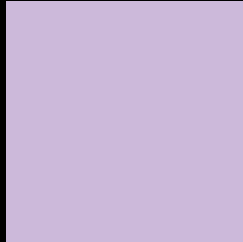
Large Text (above 18pt) WCAG AA × Fail

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, 185, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

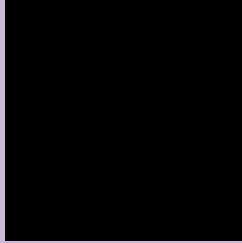
Any Text WCAG AA ✓ Pass

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, 185, 218 Background



This preview shows how black text looks on a background with the RGB color 204, 185, 218.



This preview shows how white text looks on a background with the RGB color 204, 185, 218.

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, 185, 218

Protanopia
186, 190, 221

Deuteranopia
198, 187, 218



Tritanopia
202, 188, 202

Trichromacy



Original Color
204, 185, 218

Protanomaly
193, 188, 220

Deuteranomaly
200, 186, 218

Tritanomaly
203, 187, 208

Monochromacy



Original Color
204, 185, 218

Achromatopsia
194, 194, 194

Achromatomaly
198, 191, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 185, 218 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, 185, 218) looks like.

```
.text, #text, p{  
    color:rgb(204, 185, 218)  
}
```

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, 185, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 185, 218) }
```

Border

The CSS property to change the border of an element to RGB 204, 185, 218 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, 185, 218) }
```

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

```
.border{ border-color:rgb(204, 185, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 185, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 185, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 185, 218);  
box-shadow:4px 4px 4px 4px rgb(204, 185,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 204, 185, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 185, 218) }
```

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

```
.background{ background-color: rgb(204,  
185, 218) }
```

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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