

Converting Colors

RGB(202, 159, 185)

Have a look what the booklet for
RGB(202, 159, 185) contains.

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Color

RGB(202, 159, 185)

Conversions

Conversions Part 1

Format	Color
Hex	CA9FB9
RGB	202, 159, 185
RGB Percent	79%, 62%, 73%
CMY	0.2078, 0.3765, 0.2745
CMYK	0.00, 0.21, 0.08, 0.21
HSL	324°, 29%, 71%
HSV	324°, 21%, 79%
XYZ	45.5122, 40.8556, 51.3861
YIQ	174.8210, 17.2820, 17.2020

Conversions

Conversions Part 2

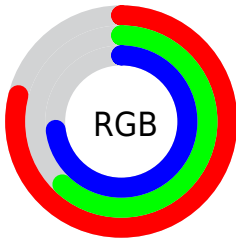
Format	Color
R_{YB}	202, 159, 185
Decimal	13279161
CIE _{Lab}	70.07, 20.16, -7.31
CIE _{LCh}	70, 21.443, 340.073
Yxy	40.8556, 0.3304, 0.2966
Android (android.graphics.Color)	4291469241 (0xFFCA9FB9)
YUV	174.8210, 5.0182, 23.8360
Hunter-Lab	63.9184, 15.2413, -2.9223

Details

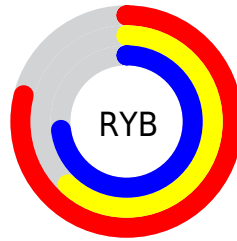
The RGB color **202, 159, 185** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **159, 202, 176**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 214, 241**, and **147, 107, 132** is the 20% darker color. If you saturate the color by 10%, you get **202, 139, 177**, and if you desaturate by 10%, it is **202, 179, 193**.

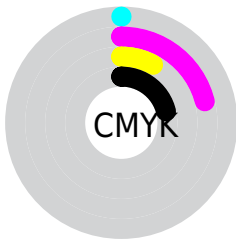
Distribution



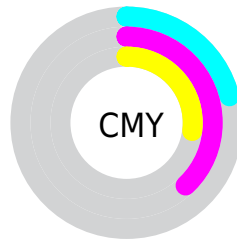
- Red (79%)
- Green (62%)
- Blue (73%)



- Red (79%)
- Yellow (62%)
- Blue (73%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (21%)




- Cyan (21%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RGB color 202, 159, 185 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 202, 159, 185 by changing the saturation by 10% instead.

 202, 159, 185

 202, 159, 185


255, 255, 255

 174, 133, 158

 255, 214, 241

 147, 107, 132

 255, 242, 255

 121, 83, 107

 96, 59, 83

 72, 37, 60

 49, 15, 38

 31, 0, 17

 0, 0, 0

 202, 159, 185

 202, 159, 185

202, 139, 177

202, 179, 193

202, 119, 169

202, 199, 201

202, 98, 161

202, 220, 209

202, 78, 153

202, 240, 217

202, 58, 145

202, 255, 225

202, 38, 137

202, 255, 233

202, 18, 129

202, 255, 241

202, 0, 122

202, 255, 249

202, 255, 255

Harmonies

Analogous

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



183, 164, 201



202, 159, 185



211, 157, 165

Triad

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



202, 159, 185



179, 172, 133



118, 181, 196

Complementary

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



202, 159, 185



159, 202, 176

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.



120, 183, 177



202, 159, 185



157, 178, 141

Square

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



202, 159, 185



198, 166, 135



136, 181, 157



132, 177, 207

Rectangle

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



202, 159, 185



211, 159, 153



136, 181, 157



117, 182, 190

Sweetspot

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



202, 159, 185



255, 240, 249



175, 159, 202



128, 119, 124



0, 0, 0



128, 128, 128

Same Dimension

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



202, 159, 185



255, 189, 229



202, 159, 164



102, 92, 98



166, 0, 100



38, 0, 23

Inverse Universe

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



202, 159, 185



255, 189, 229



159, 202, 197



102, 92, 98



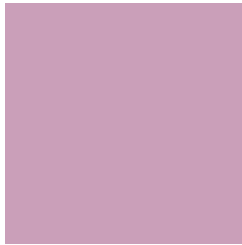
166, 0, 100



38, 0, 23

Previews

White Background



This preview shows how the RGB color 202, 159, 185 looks on a white background.

Color Contrast Check

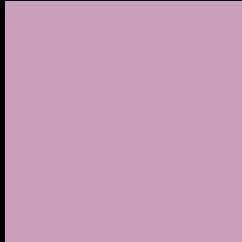
Large Text (above 18pt) WCAG AA × Fail

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 202, 159, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

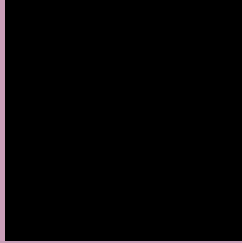
Any Text WCAG AA ✓ Pass

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 202, 159, 185 Background



This preview shows how black text looks on a background with the RGB color 202, 159, 185.



This preview shows how white text looks on a background with the RGB color 202, 159, 185.

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
202, 159, 185

Protanopia
168, 170, 192

Deuteranopia
183, 167, 184



Tritanopia
200, 161, 173

Trichromacy



Original Color

202, 159, 185

Protanomaly

180, 166, 189

Deuteranomaly

190, 164, 184

Tritanomaly

201, 160, 177

Monochromacy



Original Color

202, 159, 185

Achromatopsia

175, 175, 175

Achromatomaly

185, 169, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 159, 185 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(202, 159, 185)` looks like.

```
.text, #text, p{  
    color:rgb(202, 159, 185)  
}
```

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(202, 159, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 159, 185) }
```

Border

The CSS property to change the border of an element to RGB 202, 159, 185 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(202, 159, 185) }
```

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

```
.border{ border-color:rgb(202, 159, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 159, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 159, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 159, 185);  
box-shadow:4px 4px 4px 4px rgb(202, 159,  
185) }
```

Background

The CSS property to change the background color of an element to RGB 202, 159, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 159, 185) }
```

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

```
.background{ background-color: rgb(202,  
159, 185) }
```

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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