

Converting Colors

RGB(202, 167, 187)

Have a look what the booklet for
RGB(202, 167, 187) contains.

RGB(202, 167, 187)	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(202, 167, 187)

Conversions

Conversions Part 1

Format	Color
Hex	CAA7BB
RGB	202, 167, 187
RGB Percent	79%, 65%, 73%
CMY	0.2078, 0.3451, 0.2667
CMYK	0.00, 0.17, 0.07, 0.21
HSL	326°, 25%, 72%
HSV	326°, 17%, 79%
XYZ	47.1455, 43.7818, 52.9796
YIQ	179.7450, 14.4400, 13.6400

Conversions

Conversions Part 2

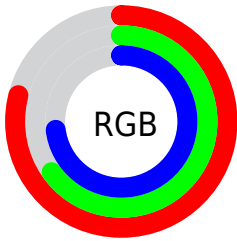
Format	Color
R _Y B	202, 167, 187
Decimal	13281211
CIE Lab	72.08, 16.13, -5.44
CIE LCh	72, 17.022, 341.362
Yxy	43.7818, 0.3276, 0.3042
Android (android.graphics.Color)	4291471291 (0xFFCAA7BB)
YUV	179.7450, 3.5767, 19.5176
Hunter-Lab	66.1679, 11.3899, -1.1551

Details

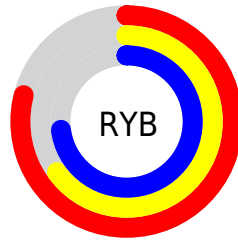
The RGB color **202, 167, 187** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **167, 202, 182**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 222, 243**, and **148, 115, 134** is the 20% darker color. If you saturate the color by 10%, you get **202, 147, 178**, and if you desaturate by 10%, it is **202, 187, 196**.

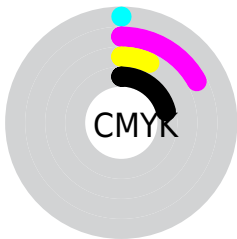
Distribution



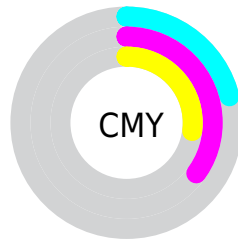
- Red (79%)
- Green (65%)
- Blue (73%)



- Red (79%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (21%)



- Cyan (21%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 167, 187 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, 167, 187 by changing the saturation by 10% instead.


 202, 167, 187

255, 255, 255

 255, 222, 243

 255, 251, 255

 202, 167, 187

 174, 141, 160

 148, 115, 134

 122, 90, 109


 97, 67, 84


 72, 44, 61

 49, 23, 39

 30, 0, 19

 0, 0, 0

 202, 167, 187

 202, 167, 187

■ 202, 147, 178

■ 202, 187, 196

■ 202, 127, 170

■ 202, 207, 204

■ 202, 106, 161

■ 202, 228, 213

■ 202, 86, 152

■ 202, 248, 222

■ 202, 66, 144

■ 202, 255, 230

■ 202, 46, 135

■ 202, 255, 239

■ 202, 26, 126

■ 202, 255, 248

■ 202, 5, 118

■ 202, 255, 255

■ 202, 0, 115

Harmonies

Analogous

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



187, 171, 200



202, 167, 187



209, 166, 171

Triad

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



202, 167, 187



183, 178, 146



137, 184, 197

Complementary

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



202, 167, 187



167, 202, 182

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.



137, 186, 182



202, 167, 187



165, 182, 153

Square

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



202, 167, 187



198, 172, 148



148, 185, 166



148, 181, 206

Rectangle

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



202, 167, 187



209, 167, 161



148, 185, 166



136, 185, 192

Sweetspot

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



202, 167, 187



255, 242, 250



182, 167, 202



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



202, 167, 187



255, 201, 232



202, 167, 170



102, 92, 98



166, 0, 95



38, 0, 22

Inverse Universe

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



202, 167, 187



255, 201, 232



167, 202, 199



102, 92, 98



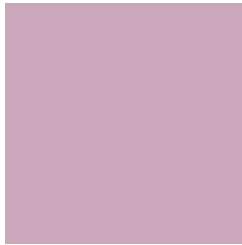
166, 0, 95



38, 0, 22

Previews

White Background



This preview shows how the RGB color 202, 167, 187 looks on a white background.

Color Contrast Check

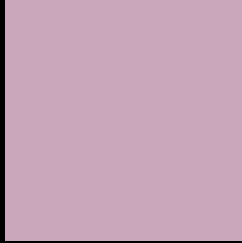
Large Text (above 18pt) WCAG AA × Fail

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, 167, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

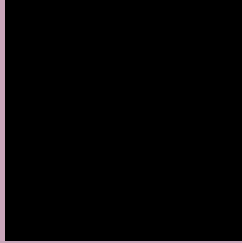
Any Text WCAG AA ✓ Pass

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, 167, 187 Background



This preview shows how black text looks on a background with the RGB color 202, 167, 187.

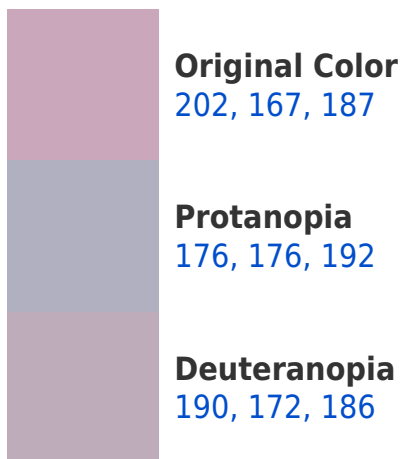



This preview shows how white text looks on a background with the RGB color 202, 167, 187.

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





Tritanopia
201, 168, 181

Trichromacy



Original Color
202, 167, 187

Protanomaly
185, 173, 190

Deuteranomaly
194, 170, 186

Tritanomaly
201, 168, 183

Monochromacy



Original Color
202, 167, 187

Achromatopsia
180, 180, 180

Achromatomaly
188, 175, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 167, 187 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, 167, 187) looks like.

```
.text, #text, p{  
    color:rgb(202, 167, 187)  
}
```

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, 167, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 167, 187) }
```

Border

The CSS property to change the border of an element to RGB 202, 167, 187 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, 167, 187) }
```

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

```
.border{ border-color:rgb(202, 167, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 167, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 167, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 167, 187);  
box-shadow:4px 4px 4px 4px rgb(202, 167,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 202, 167, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 167, 187) }
```

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

```
.background{ background-color: rgb(202,  
167, 187) }
```

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