

Converting Colors

RGB(202, 170, 187)

Have a look what the booklet for
RGB(202, 170, 187) contains.

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Color

RGB(202, 170, 187)

Conversions

Conversions Part 1

Format	Color
Hex	CAAABB
RGB	202, 170, 187
RGB Percent	79%, 67%, 73%
CMY	0.2078, 0.3333, 0.2667
CMYK	0.00, 0.16, 0.07, 0.21
HSL	328°, 23%, 73%
HSV	328°, 16%, 79%
XYZ	47.7015, 44.8939, 53.1650
YIQ	181.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

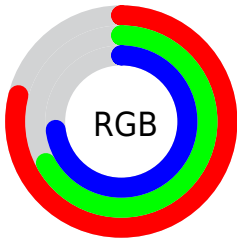
Format	Color
R_{YB}	202, 170, 187
Decimal	13281979
CIE _{Lab}	72.82, 14.49, -4.35
CIE _{LCh}	73, 15.130, 343.298
Yxy	44.8939, 0.3273, 0.3080
Android (android.graphics.Color)	4291472059 (0xFFCAAABB)
YUV	181.5060, 2.7085, 17.9732
Hunter-Lab	67.0029, 9.8248, -0.1430

Details

The RGB color **202, 170, 187** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **170, 202, 185**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 225, 243**, and **148, 118, 134** is the 20% darker color. If you saturate the color by 10%, you get **202, 150, 178**, and if you desaturate by 10%, it is **202, 190, 196**.

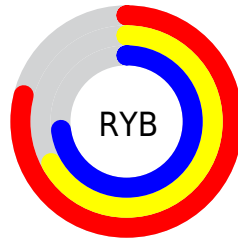
Distribution



Red (79%)

Green (67%)

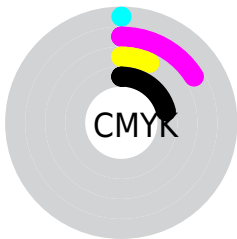
Blue (73%)



Red (79%)

Yellow (67%)

Blue (73%)

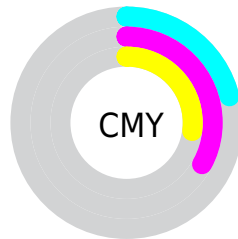


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 170, 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, 170, 187 by changing the saturation by 10% instead.


 202, 170, 187

255, 255, 255

 255, 225, 243

255, 254, 255

 202, 170, 187


 174, 143, 160

 148, 118, 134

 122, 93, 109

 97, 69, 84

 73, 47, 61


 50, 25, 39


 30, 0, 19


 0, 0, 0

 202, 170, 187


 202, 170, 187

 202, 150, 178

 202, 190, 196

 202, 130, 168


 202, 210, 206

 202, 109, 159

 202, 231, 215

 202, 89, 149


 202, 251, 225

 202, 69, 140

 202, 255, 234

 202, 49, 130

 202, 255, 244

 202, 29, 121

 202, 255, 253

 202, 8, 111

 202, 255, 255

 202, 0, 107

Harmonies

Analogous

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



189, 173, 199



202, 170, 187



208, 169, 173

Triad

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



202, 170, 187



183, 180, 152



144, 185, 197

Complementary

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



202, 170, 187



170, 202, 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.



144, 187, 185



202, 170, 187



167, 184, 158

Square

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



202, 170, 187



197, 175, 153



153, 186, 170



155, 182, 205

Rectangle

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



202, 170, 187



208, 170, 164



153, 186, 170



143, 186, 193

Sweetspot

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



202, 170, 187



255, 242, 249



185, 170, 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, 170, 187



255, 207, 232



202, 170, 171



102, 92, 97



166, 0, 88



38, 0, 20

Inverse Universe

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



202, 170, 187



255, 207, 232



170, 202, 201



102, 92, 97



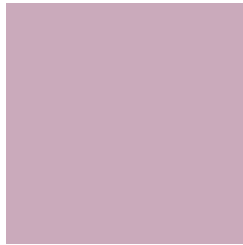
166, 0, 88



38, 0, 20

Previews

White Background



This preview shows how the RGB color 202, 170, 187 looks on a white background.

Color Contrast Check

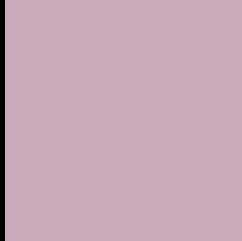
Large Text (above 18pt) WCAG AA × Fail

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, 170, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

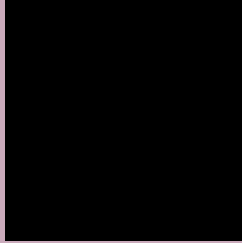
Any Text WCAG AA ✓ Pass

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, 170, 187 Background



This preview shows how black text looks on a background with the RGB color 202, 170, 187.



This preview shows how white text looks on a background with the RGB color 202, 170, 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



Original Color
202, 170, 187

Protanopia
178, 178, 192

Deuteranopia
193, 173, 186



Tritanopia
202, 171, 184

Trichromacy



Original Color

202, 170, 187

Protanomaly

187, 175, 190

Deuteranomaly

196, 172, 186

Tritanomaly

202, 171, 185

Monochromacy



Original Color

202, 170, 187

Achromatopsia

182, 182, 182

Achromatomaly

189, 178, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 170, 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, 170, 187) looks like.

```
.text, #text, p{  
    color:rgb(202, 170, 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, 170, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 170, 187) }
```

Border

The CSS property to change the border of an element to RGB 202, 170, 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, 170, 187) }
```

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

```
.border{ border-color:rgb(202, 170, 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, 170, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 170, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 170, 187);  
box-shadow:4px 4px 4px 4px rgb(202, 170,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 202, 170, 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, 170, 187) }
```

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

```
.background{ background-color: rgb(202,  
170, 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](#).

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