

Converting Colors

RGB(212, 170, 195)

Have a look what the booklet for
RGB(212, 170, 195) contains.

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Color

RGB(212, 170, 195)

Conversions

Conversions Part 1

Format	Color
Hex	D4AAC3
RGB	212, 170, 195
RGB Percent	83%, 67%, 76%
CMY	0.1686, 0.3333, 0.2353
CMYK	0.00, 0.20, 0.08, 0.17
HSL	324°, 33%, 75%
HSV	324°, 20%, 83%
XYZ	51.3764, 46.6866, 57.9333
YIQ	185.4080, 17.0070, 16.6790

Conversions

Conversions Part 2

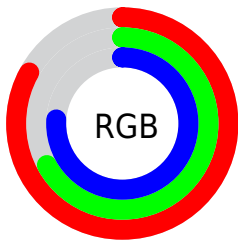
Format	Color
R _Y B	212, 170, 195
Decimal	13937347
CIE Lab	73.99, 19.41, -6.91
CIE LCh	74, 20.608, 340.407
Yxy	46.6866, 0.3293, 0.2993
Android (android.graphics.Color)	4292127427 (0xFFD4AAC3)
YUV	185.4080, 4.7289, 23.3212
Hunter-Lab	68.3276, 14.6432, -2.4412

Details

The RGB color **212, 170, 195** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170, 212, 187**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 225, 252**, and **157, 118, 141** is the 20% darker color. If you saturate the color by 10%, you get **212, 149, 186**, and if you desaturate by 10%, it is **212, 191, 204**.

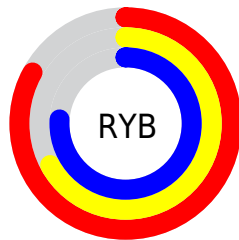
Distribution



Red (83%)

Green (67%)

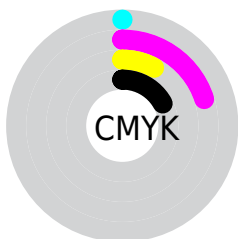
Blue (76%)



Red (83%)

Yellow (67%)

Blue (76%)

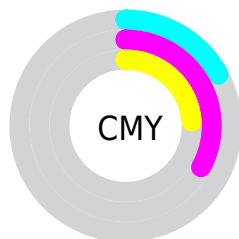


Cyan (0%)

Magenta (20%)

Yellow (8%)

Black (17%)



Cyan (17%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 170, 195 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 212, 170, 195 by changing the saturation by 10% instead.


 212, 170, 195

255, 255, 255


 255, 225, 252

255, 254, 255

 212, 170, 195

 184, 143, 168

 157, 118, 141

 131, 93, 116

 105, 69, 91


 80, 46, 68

 57, 24, 46


 36, 0, 25


 0, 0, 0

 212, 170, 195


 212, 170, 195

 212, 149, 186

 212, 191, 204

 212, 128, 178


 212, 212, 212

 212, 106, 169

 212, 234, 221

 212, 85, 161

 212, 255, 229

 212, 64, 152

 212, 255, 238

 212, 43, 144

 212, 255, 246

 212, 22, 135

 212, 255, 255

 212, 0, 126

 212, 0, 126

Harmonies

Analogous

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



193, 175, 211



212, 170, 195



221, 169, 176

Triad

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



212, 170, 195



190, 183, 145



131, 191, 206

Complementary

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



212, 170, 195



170, 212, 187

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.



133, 193, 188



212, 170, 195



168, 188, 153

Square

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



212, 170, 195



208, 176, 147



148, 192, 169



145, 187, 217

Rectangle

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



212, 170, 195



221, 170, 164



148, 192, 169



130, 192, 200

Sweetspot

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



212, 170, 195



255, 240, 249



187, 170, 212



128, 119, 124



0, 0, 0



128, 128, 128

Same Dimension

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



212, 170, 195



255, 194, 230



212, 170, 174



107, 96, 103



171, 0, 102



43, 0, 26

Inverse Universe

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



212, 170, 195



255, 194, 230



170, 212, 208



107, 96, 103



171, 0, 102



43, 0, 26

Previews

White Background



This preview shows how the RGB color 212, 170, 195 looks on a white background.

Color Contrast Check

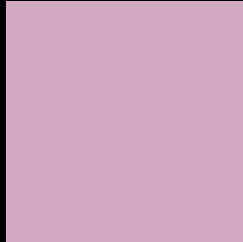
Large Text (above 18pt) WCAG AA × Fail

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 212, 170, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

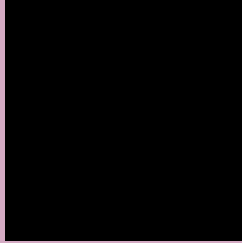
Any Text WCAG AA ✓ Pass

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 212, 170, 195 Background



This preview shows how black text looks on a background with the RGB color 212, 170, 195.



This preview shows how white text looks on a background with the RGB color 212, 170, 195.

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
212, 170, 195

Protanopia
180, 181, 202

Deuteranopia
194, 177, 194



Tritanopia
211, 172, 185

Trichromacy



Original Color

212, 170, 195

Protanomaly

192, 177, 199

Deuteranomaly

201, 174, 194

Tritanomaly

211, 171, 189

Monochromacy



Original Color

212, 170, 195

Achromatopsia

185, 185, 185

Achromatomaly

195, 180, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 170, 195 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(212, 170, 195)` looks like.

```
.text, #text, p{  
    color:rgb(212, 170, 195)  
}
```

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(212, 170, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 170, 195) }
```

Border

The CSS property to change the border of an element to RGB 212, 170, 195 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(212, 170, 195) }
```

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

```
.border{ border-color:rgb(212, 170, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 170, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 170, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 170, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 170,  
195) }
```

Background

The CSS property to change the background color of an element to RGB 212, 170, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 170, 195) }
```

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

```
.background{ background-color: rgb(212,  
170, 195) }
```

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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