

Converting Colors

RGB(212, 177, 201)

Have a look what the booklet for
RGB(212, 177, 201) contains.

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Color

RGB(212, 177, 201)

Conversions

Conversions Part 1

Format	Color
Hex	D4B1C9
RGB	212, 177, 201
RGB Percent	83%, 69%, 79%
CMY	0.1686, 0.3059, 0.2118
CMYK	0.00, 0.17, 0.05, 0.17
HSL	319°, 29%, 76%
HSV	319°, 17%, 83%
XYZ	53.4161, 49.6584, 62.0280
YIQ	190.2010, 13.1560, 14.8840

Conversions

Conversions Part 2

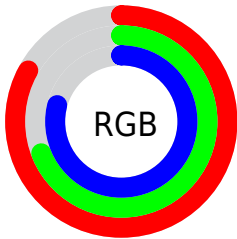
Format	Color
R_{YB}	212, 177, 201
Decimal	13939145
CIE Lab	75.86, 16.67, -7.42
CIE LCh	76, 18.249, 336.017
Yxy	49.6584, 0.3235, 0.3008
Android (android.graphics.Color)	4292129225 (0xFFD4B1C9)
YUV	190.2010, 5.3239, 19.1177
Hunter-Lab	70.4687, 11.9850, -2.8602

Details

The RGB color **212, 177, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177, 212, 188**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 233, 255**, and **157, 124, 147** is the 20% darker color. If you saturate the color by 10%, you get **212, 156, 194**, and if you desaturate by 10%, it is **212, 198, 208**.

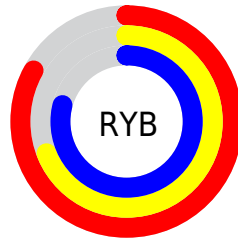
Distribution



Red (83%)

Green (69%)

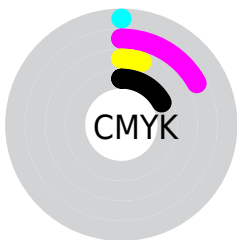
Blue (79%)



Red (83%)

Yellow (69%)

Blue (79%)

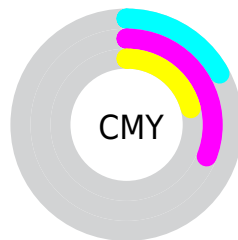


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (17%)



Cyan (17%)

Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 212, 177, 201 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, 177, 201 by changing the saturation by 10% instead.


 212, 177, 201

 212, 177, 201

255, 255, 255


 184, 150, 174

 255, 233, 255

 157, 124, 147

 131, 99, 121

 105, 75, 97


 81, 52, 73


 58, 30, 50

 36, 9, 29


 0, 0, 1


 0, 0, 0

 212, 177, 201


 212, 177, 201

 212, 156, 194

 212, 198, 208

 212, 135, 188

 212, 219, 214

 212, 113, 181

 212, 241, 221

 212, 92, 174

 212, 255, 228

 212, 71, 168

 212, 255, 234

 212, 50, 161

 212, 255, 241

 212, 29, 154

 212, 255, 248

 212, 7, 148

 212, 255, 254

 212, 0, 145

 212, 255, 255

Harmonies

Analogous

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



194, 182, 214



212, 177, 201



221, 175, 184

Triad

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



212, 177, 201



197, 187, 154



143, 196, 206

Complementary

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



212, 177, 201



177, 212, 188

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.



146, 197, 190



212, 177, 201



178, 192, 159

Square

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



212, 177, 201



212, 181, 157



159, 196, 173



153, 192, 217

Rectangle

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



212, 177, 201



222, 176, 173



159, 196, 173



142, 196, 201

Sweetspot

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



212, 177, 201



255, 242, 251



187, 177, 212



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



212, 177, 201



255, 204, 239



212, 177, 184



107, 96, 104



171, 0, 117



43, 0, 30

Inverse Universe

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



212, 177, 201



255, 204, 239



177, 212, 205



107, 96, 104



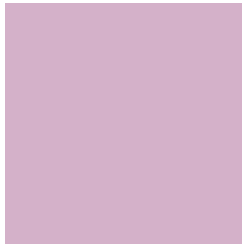
171, 0, 117



43, 0, 30

Previews

White Background



This preview shows how the RGB color 212, 177, 201 looks on a white background.

Color Contrast Check

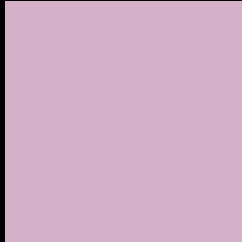
Large Text (above 18pt) WCAG AA × Fail

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, 177, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

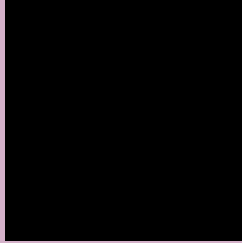
Any Text WCAG AA ✓ Pass

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, 177, 201 Background



This preview shows how black text looks on a background with the RGB color 212, 177, 201.



This preview shows how white text looks on a background with the RGB color 212, 177, 201.

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, 177, 201

Protanopia
185, 186, 207

Deuteranopia
199, 182, 200



Tritanopia
211, 178, 192

Trichromacy



Original Color

212, 177, 201

Protanomaly

195, 183, 205

Deuteranomaly

204, 180, 200

Tritanomaly

211, 178, 195

Monochromacy



Original Color

212, 177, 201

Achromatopsia

190, 190, 190

Achromatomaly

198, 185, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 177, 201 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, 177, 201)` looks like.

```
.text, #text, p{  
    color:rgb(212, 177, 201)  
}
```

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, 177, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 177, 201) }
```

Border

The CSS property to change the border of an element to RGB 212, 177, 201 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, 177, 201) }
```

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

```
.border{ border-color:rgb(212, 177, 201) }
```

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

Here you see how a box with a 4 pixel rgb(212, 177, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 177, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 177, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 177,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 212, 177, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 177, 201) }
```

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

```
.background{ background-color: rgb(212,  
177, 201) }
```

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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