

Converting Colors

RGB(209, 170, 215)

Have a look what the booklet for
RGB(209, 170, 215) contains.

RGB(209, 170, 215)	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(209, 170, 215)

Conversions

Conversions Part 1

Format	Color
Hex	D1AAD7
RGB	209, 170, 215
RGB Percent	82%, 67%, 84%
CMY	0.1804, 0.3333, 0.1569
CMYK	0.03, 0.21, 0.00, 0.16
HSL	292°, 36%, 75%
HSV	292°, 21%, 84%
XYZ	52.9350, 47.2111, 70.6126
YIQ	186.7910, 8.7990, 22.2630

Conversions

Conversions Part 2

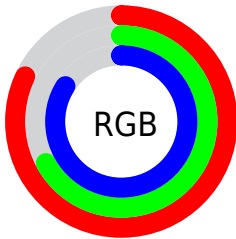
Format	Color
R _Y B	209, 170, 215
Decimal	13740759
CIE Lab	74.32, 22.05, -17.38
CIE LCh	74, 28.075, 321.742
Yxy	47.2111, 0.3100, 0.2765
Android (android.graphics.Color)	4291930839 (0xFFD1AAD7)
YUV	186.7910, 13.9070, 19.4773
Hunter-Lab	68.7103, 17.2748, -12.8343

Details

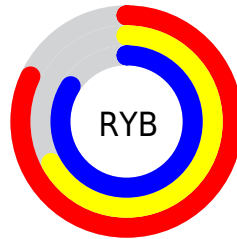
The RGB color **209, 170, 215** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176, 215, 170**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 225, 255**, and **154, 118, 160** is the 20% darker color. If you saturate the color by 10%, you get **206, 149, 215**, and if you desaturate by 10%, it is **212, 192, 215**.

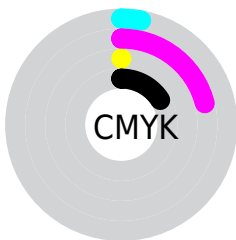
Distribution



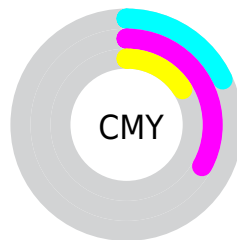
- Red (82%)
- Green (67%)
- Blue (84%)



- Red (82%)
- Yellow (67%)
- Blue (84%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (18%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 170, 215 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 209, 170, 215 by changing the saturation by 10% instead.


 209, 170, 215

255, 255, 255

 255, 225, 255

255, 254, 255

 209, 170, 215


 181, 143, 187

 154, 118, 160

 128, 93, 134

 102, 69, 109

 78, 46, 84

 54, 24, 61

 33, 0, 39

 0, 1, 17

 0, 0, 0

 209, 170, 215


 209, 170, 215

 206, 149, 215


 212, 192, 215

 203, 127, 215

 215, 213, 215

 200, 106, 215


 218, 235, 215

 198, 84, 215

 220, 255, 215

 195, 62, 215

 223, 255, 215

 192, 41, 215

 226, 255, 215

 189, 20, 215

 229, 255, 215

 186, 0, 215

 232, 255, 215

 235, 255, 215

Harmonies

Analogous

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



177, 179, 231



209, 170, 215



229, 165, 191

Triad

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



209, 170, 215



208, 179, 132



106, 197, 201

Complementary

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



209, 170, 215



176, 215, 170

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.



124, 197, 174



209, 170, 215



182, 187, 134

Square

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



209, 170, 215



227, 170, 143



152, 193, 150



112, 194, 222

Rectangle

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



209, 170, 215



235, 164, 173



152, 193, 150



110, 197, 192

Sweetspot

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



209, 170, 215



253, 240, 255



170, 176, 215



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 170, 215



247, 191, 255



215, 170, 198



106, 96, 107



148, 0, 171



38, 0, 43

Inverse Universe

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



215, 170, 176



255, 191, 200



170, 215, 187



107, 96, 98



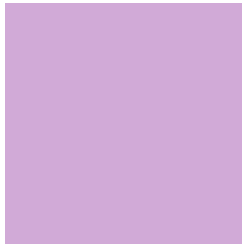
171, 0, 23



43, 0, 6

Previews

White Background



This preview shows how the RGB color 209, 170, 215 looks on a white background.

Color Contrast Check

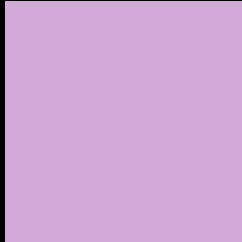
Large Text (above 18pt) WCAG AA × Fail

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 209, 170, 215 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 209, 170, 215 Background



This preview shows how black text looks on a background with the RGB color 209, 170, 215.

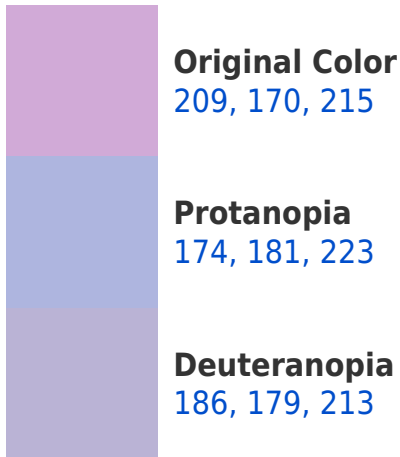



This preview shows how white text looks on a background with the RGB color 209, 170, 215.

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
205, 175, 188

Trichromacy



Original Color
209, 170, 215

Protanomaly
187, 177, 220

Deuteranomaly
194, 176, 214

Tritanomaly
206, 173, 198

Monochromacy



Original Color
209, 170, 215

Achromatopsia
187, 187, 187

Achromatomaly
195, 181, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 170, 215 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(209, 170, 215)` looks like.

```
.text, #text, p{  
    color:rgb(209, 170, 215)  
}
```

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(209, 170, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 170, 215) }
```

Border

The CSS property to change the border of an element to RGB 209, 170, 215 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(209, 170, 215) }
```

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

```
.border{ border-color:rgb(209, 170, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 170, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 170, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 170, 215);  
box-shadow:4px 4px 4px 4px rgb(209, 170,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 209, 170, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 170, 215) }
```

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

```
.background{ background-color: rgb(209,  
170, 215) }
```

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