

Converting Colors

RGB(213, 174, 234)

Have a look what the booklet for
RGB(213, 174, 234) contains.

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Color

RGB(213, 174, 234)

Conversions

Conversions Part 1

Format	Color
Hex	D5AEEA
RGB	213, 174, 234
RGB Percent	84%, 68%, 92%
CMY	0.1647, 0.3176, 0.0824
CMYK	0.09, 0.26, 0.00, 0.08
HSL	279°, 59%, 80%
HSV	279°, 26%, 92%
XYZ	57.4279, 50.3588, 84.5353
YIQ	192.5010, 3.9840, 26.9280

Conversions

Conversions Part 2

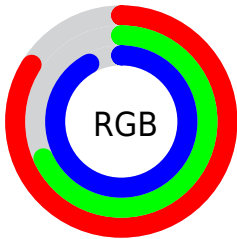
Format	Color
R _Y B	213, 174, 234
Decimal	14003946
CIE Lab	76.29, 24.90, -24.70
CIE LCh	76, 35.074, 315.234
Yxy	50.3588, 0.2986, 0.2618
Android (android.graphics.Color)	4292194026 (0xFFD5AEEA)
YUV	192.5010, 20.4590, 17.9776
Hunter-Lab	70.9639, 20.2652, -20.9541

Details

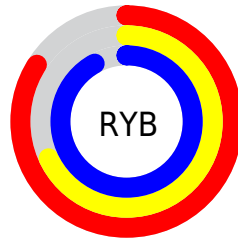
The RGB color **213, 174, 234** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195, 234, 174**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 230, 255**, and **158, 121, 178** is the 20% darker color. If you saturate the color by 10%, you get **205, 151, 234**, and if you desaturate by 10%, it is **221, 197, 234**.

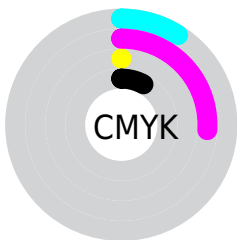
Distribution



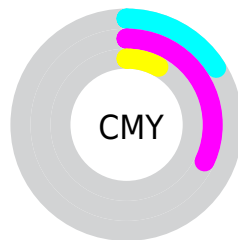
- Red (84%)
- Green (68%)
- Blue (92%)



- Red (84%)
- Yellow (68%)
- Blue (92%)



- Cyan (9%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (32%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 174, 234 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 213, 174, 234 by changing the saturation by 10% instead.

 213, 174, 234

255, 255, 255

 255, 230, 255

 213, 174, 234

 185, 147, 206

 158, 121, 178

 131, 96, 151

 106, 72, 125

 81, 49, 100

 57, 27, 76

 34, 5, 53


 2, 0, 31

 0, 0, 3

 213, 174, 234

 213, 174, 234

 205, 151, 234


 221, 197, 234

 197, 127, 234

 229, 221, 234

 188, 104, 234

 238, 244, 234

 180, 80, 234


 246, 255, 234

 172, 57, 234

 254, 255, 234

 164, 34, 234

 255, 255, 234

 156, 10, 234

 152, 0, 234

Harmonies

Analogous

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



170, 186, 250



213, 174, 234



242, 165, 206

Triad

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



213, 174, 234



225, 181, 126



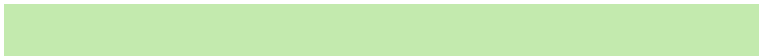
85, 206, 204

Complementary

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



213, 174, 234



195, 234, 174

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.



119, 205, 171



213, 174, 234



194, 191, 125

Square

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



213, 174, 234



246, 170, 144



157, 200, 142



81, 203, 233

Rectangle

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



213, 174, 234



251, 164, 184



157, 200, 142



94, 206, 193

Sweetspot

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



213, 174, 234



248, 235, 255



174, 195, 234



123, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 174, 234



227, 176, 255



234, 174, 225



113, 106, 117



118, 0, 181



35, 0, 54

Inverse Universe

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



234, 174, 195



255, 176, 204



174, 234, 183



117, 106, 110



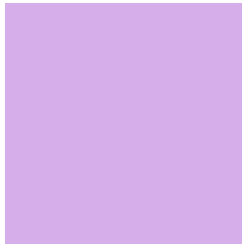
181, 0, 63



54, 0, 19

Previews

White Background



This preview shows how the RGB color 213, 174, 234 looks on a white background.

Color Contrast Check

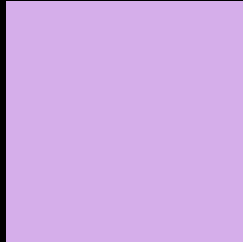
Large Text (above 18pt) WCAG AA × Fail

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 213, 174, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

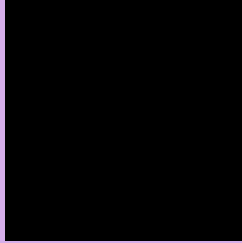
Any Text WCAG AA ✓ Pass

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 213, 174, 234 Background



This preview shows how black text looks on a background with the RGB color 213, 174, 234.



This preview shows how white text looks on a background with the RGB color 213, 174, 234.

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
213, 174, 234

Protanopia
174, 186, 243

Deuteranopia
185, 184, 232



Tritanopia
207, 181, 195

Trichromacy



Original Color

213, 174, 234



Protanomaly

188, 182, 240



Deuteranomaly

195, 180, 233



Tritanomaly

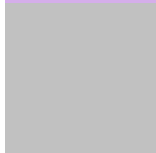
209, 178, 209

Monochromacy



Original Color

213, 174, 234



Achromatopsia

193, 193, 193



Achromatomaly

200, 186, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 174, 234 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(213, 174, 234) looks like.

```
.text, #text, p{  
    color:rgb(213, 174, 234)  
}
```

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(213, 174, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 174, 234) }
```

Border

The CSS property to change the border of an element to RGB 213, 174, 234 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(213, 174, 234) }
```

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

```
.border{ border-color:rgb(213, 174, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 174, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 174, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 174, 234); box-shadow:4px 4px 4px 4px rgb(213, 174, 234) }
```

Background

The CSS property to change the background color of an element to RGB 213, 174, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 174, 234) }
```

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

```
.background{ background-color: rgb(213,  
174, 234) }
```

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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