

Converting Colors

`RYB(216, 174, 221)`

Have a look what the booklet for RYB(216, 174, 221) contains.

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Color

RYB(216, 174, 221)

Conversions

Conversions Part 1

Format	Color
Hex	D8AEDD
RGB	216, 174, 221
RGB Percent	85%, 68%, 87%
CMY	0.1529, 0.3176, 0.1333
CMYK	0.02, 0.21, 0.00, 0.13
HSL	294°, 41%, 77%
HSV	294°, 21%, 87%
XYZ	56.5061, 50.0915, 75.0970
YIQ	191.9160, 9.9450, 23.5210

Conversions

Conversions Part 2

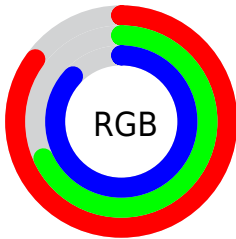
Format	Color
R _Y B	216, 174, 221
Decimal	14200541
CIE Lab	76.13, 23.33, -17.87
CIE LCh	76, 29.389, 322.555
Yxy	50.0915, 0.3110, 0.2757
Android (android.graphics.Color)	4292390621 (0xFFD8AEDD)
YUV	191.9160, 14.3384, 21.1217
Hunter-Lab	70.7753, 18.6552, -13.3676

Details

The RYB color **216, 174, 221** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174, 221, 216**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 230, 255**, and **161, 121, 166** is the 20% darker color. If you saturate the color by 10%, you get **214, 152, 221**, and if you desaturate by 10%, it is **218, 196, 221**.

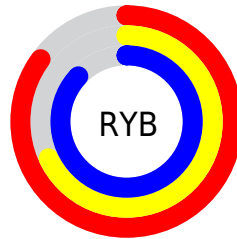
Distribution



Red (85%)

Green (68%)

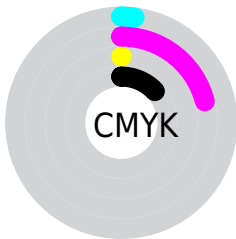
Blue (87%)



Red (85%)

Yellow (68%)

Blue (87%)

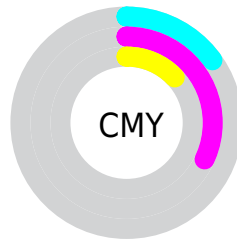


Cyan (2%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (15%)

Magenta (32%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 216, 174, 221 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 RYB color 216, 174, 221 by changing the saturation by 10% instead.


 216, 174, 221

255, 255, 255

 255, 230, 255

 216, 174, 221


 188, 147, 193

 161, 121, 166

 134, 96, 139

 109, 72, 114

 84, 49, 89

 60, 27, 66

 37, 5, 43

 4, 0, 23


 0, 0, 0


 216, 174, 221


 216, 174, 221


 214, 152, 221

 218, 196, 221


 211, 130, 221


 221, 218, 221


 209, 108, 221

 221, 240, 238


 207, 86, 221


 221, 255, 251

 204, 64, 221

 221, 255, 248


 202, 41, 221


 221, 255, 246

 200, 19, 221

 221, 255, 244

 197, 0, 221

 221, 255, 241

 221, 255, 239

Harmonies

Analogous

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



183, 183, 238



216, 174, 221



237, 168, 196

Triad

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



216, 174, 221



182, 214, 134



106, 156, 208

Complementary

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



216, 174, 221



174, 221, 216

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.



125, 170, 202



216, 174, 221



137, 192, 143

Square

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



216, 174, 221



234, 189, 146



154, 199, 198



112, 162, 230

Rectangle

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



216, 174, 221



242, 168, 177



154, 199, 198



110, 158, 203

Sweetspot

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



216, 174, 221



253, 240, 255



174, 179, 221



127, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



216, 174, 221



248, 189, 255



221, 174, 203



108, 99, 110



155, 0, 173



41, 0, 46

Inverse Universe

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



221, 174, 179



255, 189, 196



174, 208, 221



110, 99, 100



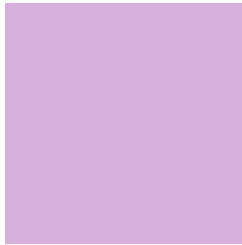
173, 0, 18



46, 0, 5

Previews

White Background



This preview shows how the RYB color 216, 174, 221 looks on a white background.

Color Contrast Check

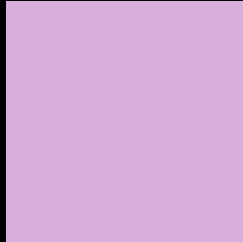
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 216, 174, 221 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](#).

RYB 216, 174, 221 Background



This preview shows how black text looks on a background with the RYB color 216, 174, 221.



This preview shows how white text looks on a background with the RYB color 216, 174, 221.

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
216, 174, 221

Protanopia
178, 185, 229

Deuteranopia
191, 183, 219



Tritanopia
212, 179, 193

Trichromacy



Original Color
216, 174, 221

Protanomaly
192, 182, 226

Deuteranomaly
200, 180, 220

Tritanomaly
213, 177, 203

Monochromacy



Original Color
216, 174, 221

Achromatopsia
192, 192, 192

Achromatomaly
201, 185, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 216, 174, 221 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(216, 174, 221) looks like.

```
.text, #text, p{  
    color:rgb(216, 174, 221)  
}
```

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(216, 174, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 174, 221) }
```

Border

The CSS property to change the border of an element to RYB 216, 174, 221 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(216, 174, 221) }
```

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

```
.border{ border-color:rgb(216, 174, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 174, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 174, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 174, 221);  
box-shadow:4px 4px 4px 4px rgb(216, 174,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 216, 174, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 174, 221) }
```

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

```
.background{ background-color: rgb(216,  
174, 221) }
```

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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