

Converting Colors

`RYB(219, 175, 209)`

Have a look what the booklet for RYB(219, 175, 209) contains.

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Color

R_YB(219, 175, 209)

Conversions

Conversions Part 1

Format	Color
Hex	DBAFD1
RGB	219, 175, 209
RGB Percent	86%, 69%, 82%
CMY	0.1412, 0.3137, 0.1804
CMYK	0.00, 0.20, 0.05, 0.14
HSL	314°, 38%, 77%
HSV	314°, 20%, 86%
XYZ	56.0520, 50.3235, 67.0807
YIQ	192.0320, 15.3100, 19.9020

Conversions

Conversions Part 2

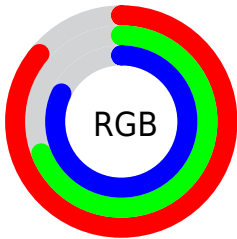
Format	Color
R_{YB}	219, 175, 209
Decimal	14397393
CIE _{Lab}	76.27, 21.59, -11.10
CIE _{LCh}	76, 24.277, 332.796
Yxy	50.3235, 0.3231, 0.2901
Android (android.graphics.Color)	4292587473 (0xFFDBAFD1)
YUV	192.0320, 8.3652, 23.6509
Hunter-Lab	70.9390, 16.8973, -6.4080

Details

The RYB color **219, 175, 209** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175, 211, 219**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 231, 255**, and **164, 122, 155** is the 20% darker color. If you saturate the color by 10%, you get **219, 153, 204**, and if you desaturate by 10%, it is **219, 197, 214**.

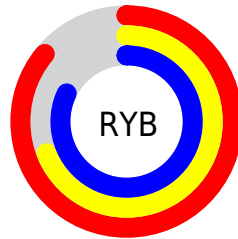
Distribution



Red (86%)

Green (69%)

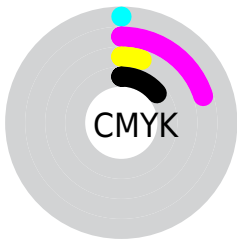
Blue (82%)



Red (86%)

Yellow (69%)

Blue (82%)

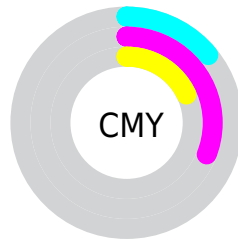


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (14%)



Cyan (14%)

Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 219, 175, 209 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 219, 175, 209 by changing the saturation by 10% instead.


 219, 175, 209

 219, 175, 209


255, 255, 255

 191, 148, 181


 255, 231, 255

 164, 122, 155

 137, 97, 129

 111, 73, 103

 86, 50, 79

 63, 28, 56


 40, 6, 35

 9, 0, 12

 0, 0, 0

 219, 175, 209

 219, 175, 209

 219, 153, 204

 219, 197, 214

 219, 131, 199

 219, 219, 219

 219, 109, 194

 219, 237, 241

 219, 87, 189

 219, 247, 255

 219, 66, 184

 219, 244, 255

 219, 44, 179

 219, 242, 255

 219, 22, 174

 219, 240, 255

 219, 0, 169

 219, 239, 255

 219, 237, 255

Harmonies

Analogous

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



195, 182, 226



219, 175, 209



232, 172, 187

Triad

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



219, 175, 209



165, 203, 143



124, 165, 212

Complementary

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



219, 175, 209



175, 211, 219

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.



132, 170, 201



219, 175, 209



150, 194, 166

Square

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



219, 175, 209



222, 203, 149



153, 188, 199



137, 173, 227

Rectangle

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



219, 175, 209



234, 173, 172



153, 188, 199



125, 164, 205

Sweetspot

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



219, 175, 209



255, 240, 252



185, 175, 219



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



219, 175, 209



255, 194, 241



219, 175, 187



110, 99, 107



173, 0, 134



46, 0, 35

Inverse Universe

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



219, 175, 209



255, 194, 241



175, 200, 219



110, 99, 107



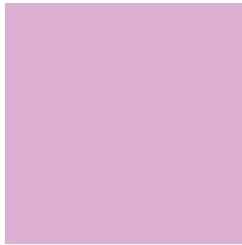
173, 0, 134



46, 0, 35

Previews

White Background



This preview shows how the RYB color 219, 175, 209 looks on a white background.

Color Contrast Check

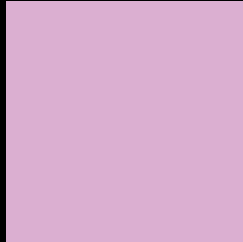
Large Text (above 18pt) WCAG AA × Fail

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 219, 175, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

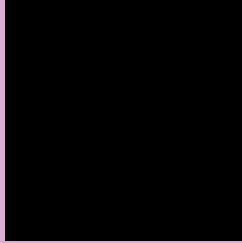
Any Text WCAG AA ✓ Pass

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 219, 175, 209 Background



This preview shows how black text looks on a background with the RYB color 219, 175, 209.



This preview shows how white text looks on a background with the RYB color 219, 175, 209.

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
219, 175, 209

Protanopia
183, 187, 217

Deuteranopia
198, 183, 207



Tritanopia
217, 178, 192

Trichromacy



Original Color
219, 175, 209

Protanomaly
196, 183, 214

Deuteranomaly
206, 180, 208

Tritanomaly
218, 177, 198

Monochromacy



Original Color
219, 175, 209

Achromatopsia
192, 192, 192

Achromatomaly
202, 186, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 175, 209 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(219, 175, 209)` looks like.

```
.text, #text, p{  
    color:rgb(219, 175, 209)  
}
```

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(219, 175, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 175, 209) }
```

Border

The CSS property to change the border of an element to RYB 219, 175, 209 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(219, 175, 209) }
```

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

```
.border{ border-color:rgb(219, 175, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 175, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 175, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 175, 209);  
box-shadow:4px 4px 4px 4px rgb(219, 175,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 219, 175, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 175, 209) }
```

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

```
.background{ background-color: rgb(219,  
175, 209) }
```

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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