

Converting Colors

`RYB(219, 175, 207)`

Have a look what the booklet for RYB(219, 175, 207) contains.

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Color

R_YB(219, 175, 207)

Conversions

Conversions Part 1

Format	Color
Hex	DBAFCF
RGB	219, 175, 207
RGB Percent	86%, 69%, 81%
CMY	0.1412, 0.3137, 0.1882
CMYK	0.00, 0.20, 0.05, 0.14
HSL	316°, 38%, 77%
HSV	316°, 20%, 86%
XYZ	55.8059, 50.2250, 65.7846
YIQ	191.8040, 15.9520, 19.2800

Conversions

Conversions Part 2

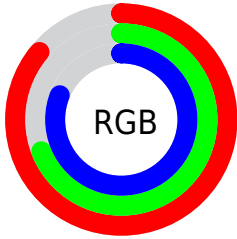
Format	Color
RYB	219, 175, 207
Decimal	14397391
CIELab	76.21, 21.24, -10.10
CIELCh	76, 23.516, 334.567
Yxy	50.2250, 0.3248, 0.2923
Android (android.graphics.Color)	4292587471 (0xFFDBAFCF)
YUV	191.8040, 7.4916, 23.8509
Hunter-Lab	70.8696, 16.5370, -5.4271

Details

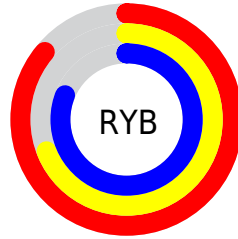
The RYB color **219, 175, 207** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175, 210, 219**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 231, 255**, and **164, 122, 153** is the 20% darker color. If you saturate the color by 10%, you get **219, 153, 201**, and if you desaturate by 10%, it is **219, 197, 213**.

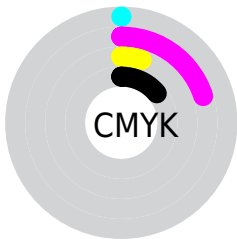
Distribution



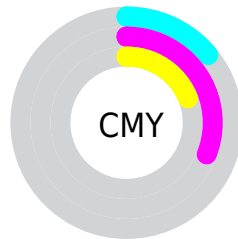
- Red (86%)
- Green (69%)
- Blue (81%)



- Red (86%)
- Yellow (69%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 175, 207 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, 207 by changing the saturation by 10% instead.

 219, 175, 207

255, 255, 255


 255, 231, 255

 219, 175, 207


 191, 148, 179

 164, 122, 153

 137, 97, 127

 111, 73, 102

 86, 50, 78


 63, 28, 55

 40, 6, 33

 9, 0, 9


 0, 0, 0

 219, 175, 207

 219, 175, 207

 219, 153, 201

 219, 197, 213

 219, 131, 195

 219, 219, 219

 219, 109, 189

 219, 236, 241

 219, 87, 183

 219, 246, 255

 219, 66, 177

 219, 243, 255

 219, 44, 171

 219, 241, 255

 219, 22, 165

 219, 239, 255

 219, 0, 159

 219, 237, 255

Harmonies

Analogous

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



196, 181, 224



219, 175, 207



231, 172, 185

Triad

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



219, 175, 207



162, 201, 145



127, 166, 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, 207



175, 210, 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.



133, 169, 200



219, 175, 207



152, 194, 169

Square

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



219, 175, 207



220, 204, 149



152, 187, 199



140, 174, 226

Rectangle

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



219, 175, 207



233, 173, 171



152, 187, 199



127, 165, 205

Sweetspot

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



219, 175, 207



255, 240, 251



187, 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, 207



255, 194, 238



219, 175, 185



110, 99, 107



173, 0, 126



46, 0, 33

Inverse Universe

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



219, 175, 207



255, 194, 238



175, 200, 219



110, 99, 107



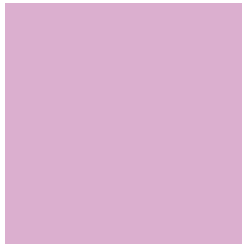
173, 0, 126



46, 0, 33

Previews

White Background



This preview shows how the RYB color 219, 175, 207 looks on a white background.

Color Contrast Check

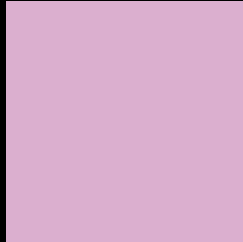
Large Text (above 18pt) WCAG AA × Fail

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, 207 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](#).

R Y B 219, 175, 207 Background



This preview shows how black text looks on a background with the RYB color 219, 175, 207.



This preview shows how white text looks on a background with the RYB color 219, 175, 207.

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, 207

Protanopia
184, 187, 214

Deuteranopia
198, 183, 205



Tritanopia
217, 178, 191

Trichromacy



Original Color

219, 175, 207

Protanomaly

197, 183, 211

Deuteranomaly

206, 180, 206

Tritanomaly

218, 177, 197

Monochromacy



Original Color

219, 175, 207

Achromatopsia

192, 192, 192

Achromatomaly

202, 186, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 175, 207 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, 207) looks like.

```
.text, #text, p{  
    color:rgb(219, 175, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 175, 207) }
```

Border

The CSS property to change the border of an element to RYB 219, 175, 207 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, 207) }
```

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

```
.border{ border-color:rgb(219, 175, 207) }
```

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, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 175, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 175, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 175,  
207) }
```

Background

The CSS property to change the background color of an element to RGB 219, 175, 207 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, 207) }
```

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

```
.background{ background-color: rgb(219,  
175, 207) }
```

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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