

Converting Colors

`RYB(209, 173, 222)`

Have a look what the booklet for
RYB(209, 173, 222) contains.

RYB(209, 173, 222)	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

R_YB(209, 173, 222)

Conversions

Conversions Part 1

Format	Color
Hex	D1ADDE
RGB	209, 173, 222
RGB Percent	82%, 68%, 87%
CMY	0.1804, 0.3216, 0.1294
CMYK	0.06, 0.22, 0.00, 0.13
HSL	284°, 43%, 77%
HSV	284°, 22%, 87%
XYZ	54.4229, 48.7164, 75.6420
YIQ	189.3500, 5.7270, 22.8710

Conversions

Conversions Part 2

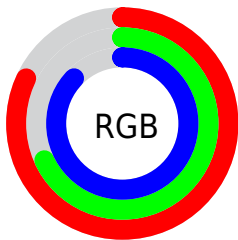
Format	Color
R _Y B	209, 173, 222
Decimal	13741534
CIE Lab	75.27, 21.77, -19.76
CIE LCh	75, 29.402, 317.766
Yxy	48.7164, 0.3044, 0.2725
Android (android.graphics.Color)	4291931614 (0xFFD1ADDE)
YUV	189.3500, 16.0965, 17.2331
Hunter-Lab	69.7971, 17.0368, -15.3971

Details

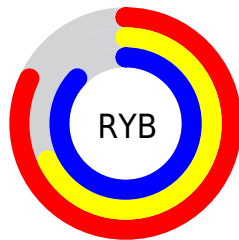
The RYB color **209, 173, 222** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173, 222, 209**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 229, 255**, and **154, 120, 167** is the 20% darker color. If you saturate the color by 10%, you get **203, 151, 222**, and if you desaturate by 10%, it is **215, 195, 222**.

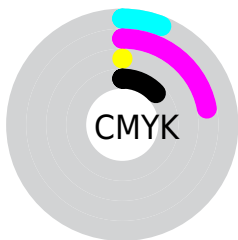
Distribution



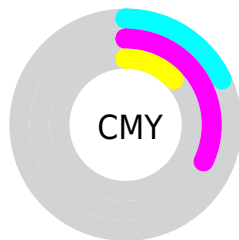
- Red (82%)
- Green (68%)
- Blue (87%)



- Red (82%)
- Yellow (68%)
- Blue (87%)



- Cyan (6%)
- Magenta (22%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (32%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 173, 222 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 209, 173, 222 by changing the saturation by 10% instead.

■ 209, 173, 222

255, 255, 255

■ 255, 229, 255

■ 209, 173, 222

■ 181, 146, 194

■ 154, 120, 167

■ 128, 95, 140

■ 102, 71, 115

■ 78, 48, 90

■ 54, 27, 66


■ 32, 4, 44

■ 0, 0, 23


■ 0, 0, 0

 209, 173, 222


 209, 173, 222

 203, 151, 222

 215, 195, 222

 197, 129, 222


 221, 217, 222

 191, 106, 222


 222, 240, 235

 185, 84, 222


 222, 255, 244

 180, 62, 222

 222, 255, 239

 174, 40, 222

 222, 255, 233

 168, 18, 222

 222, 255, 227

 163, 0, 222

 222, 255, 222

Harmonies

Analogous

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



174, 181, 237



209, 173, 222



232, 167, 198

Triad

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



209, 173, 222



194, 215, 133



105, 153, 201

Complementary

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



209, 173, 222



173, 222, 209

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.



127, 172, 200



209, 173, 222



133, 189, 134

Square

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



209, 173, 222



234, 181, 146



148, 196, 187



107, 158, 225

Rectangle

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



209, 173, 222



239, 165, 179



148, 196, 187



110, 158, 201

Sweetspot

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



209, 173, 222



250, 237, 255



173, 183, 222



125, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 173, 222



237, 189, 255



222, 173, 211



109, 101, 112



129, 0, 176



36, 0, 48

Inverse Universe

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



222, 173, 186



255, 189, 206



173, 213, 222



112, 101, 104



176, 0, 47



48, 0, 13

Previews

White Background



This preview shows how the RYB color 209, 173, 222 looks on a white background.

Color Contrast Check

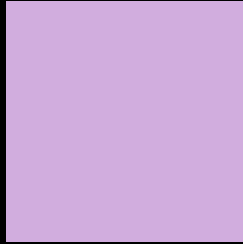
Large Text (above 18pt) WCAG AA × Fail

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 209, 173, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

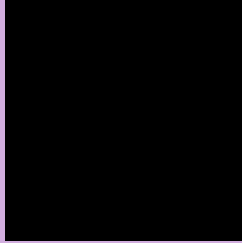
Any Text WCAG AA ✓ Pass

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 209, 173, 222 Background



This preview shows how black text looks on a background with the RYB color 209, 173, 222.



This preview shows how white text looks on a background with the RYB color 209, 173, 222.

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
209, 173, 222

Protanopia
175, 183, 229

Deuteranopia
187, 181, 220



Tritanopia
205, 178, 192

Trichromacy



Original Color
209, 173, 222

Protanomaly
187, 180, 226

Deuteranomaly
195, 178, 221

Tritanomaly
206, 176, 203

Monochromacy



Original Color
209, 173, 222

Achromatopsia
189, 189, 189

Achromatomaly
196, 183, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 173, 222 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, 173, 222) looks like.

```
.text, #text, p{  
    color:rgb(209, 173, 222)  
}
```

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, 173, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 173, 222) }
```

Border

The CSS property to change the border of an element to RYB 209, 173, 222 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, 173, 222) }
```

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

```
.border{ border-color:rgb(209, 173, 222) }
```

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

Here you see how a box with a 4 pixel rgb(209, 173, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 173, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 173, 222);  
box-shadow:4px 4px 4px 4px rgb(209, 173,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 209, 173, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 173, 222) }
```

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

```
.background{ background-color: rgb(209,  
173, 222) }
```

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