

Converting Colors

`RYB(207, 173, 212)`

Have a look what the booklet for
RYB(207, 173, 212) contains.

RYB(207, 173, 212)	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(207, 173, 212)

Conversions

Conversions Part 1

Format	Color
Hex	CFADD4
RGB	207, 173, 212
RGB Percent	81%, 68%, 83%
CMY	0.1882, 0.3216, 0.1686
CMYK	0.02, 0.18, 0.00, 0.17
HSL	292°, 31%, 75%
HSV	292°, 18%, 83%
XYZ	52.5594, 47.9060, 68.7640
YIQ	187.6120, 7.7450, 19.3370

Conversions

Conversions Part 2

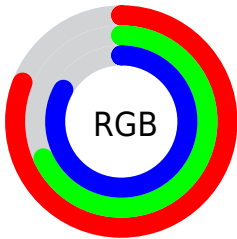
Format	Color
R _Y B	207, 173, 212
Decimal	13610452
CIE Lab	74.77, 19.17, -15.10
CIE LCh	75, 24.402, 321.772
Yxy	47.9060, 0.3106, 0.2831
Android (android.graphics.Color)	4291800532 (0xFFCFADD4)
YUV	187.6120, 12.0233, 17.0033
Hunter-Lab	69.2142, 14.4233, -10.4544

Details

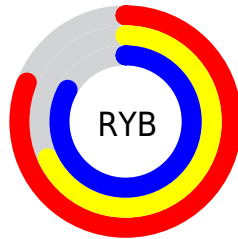
The RYB color **207, 173, 212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173, 212, 207**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 229, 255**, and **152, 120, 157** is the 20% darker color. If you saturate the color by 10%, you get **204, 152, 212**, and if you desaturate by 10%, it is **210, 194, 212**.

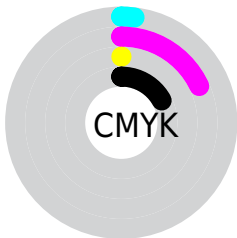
Distribution



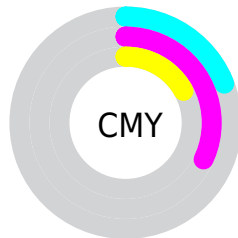
- Red (81%)
- Green (68%)
- Blue (83%)



- Red (81%)
- Yellow (68%)
- Blue (83%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)




- Cyan (19%)
- Magenta (32%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 173, 212 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 207, 173, 212 by changing the saturation by 10% instead.


 207, 173, 212


255, 255, 255


 255, 229, 255

 207, 173, 212


 179, 146, 184

 152, 120, 157

 126, 96, 131

 101, 72, 106

 77, 49, 82

 53, 27, 59

 32, 4, 37

 0, 1, 14

 0, 0, 0

■ 207, 173, 212

■ 207, 173, 212

■ 204, 152, 212

■ 210, 194, 212

■ 202, 131, 212

■ 212, 215, 215

■ 199, 109, 212

■ 212, 237, 234

■ 196, 88, 212

■ 212, 255, 249

■ 193, 67, 212

■ 212, 255, 246

■ 191, 46, 212

■ 212, 255, 244

■ 188, 25, 212

■ 212, 255, 241

■ 185, 3, 212

■ 212, 255, 238

■ 185, 0, 212

■ 212, 255, 236

Harmonies

Analogous

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



180, 180, 225



207, 173, 212



225, 168, 191

Triad

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



207, 173, 212



185, 207, 140



120, 159, 200

Complementary

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



207, 173, 212



173, 212, 207

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.



134, 171, 196



207, 173, 212



142, 188, 147

Square

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



207, 173, 212



223, 184, 150



156, 193, 191



126, 165, 218

Rectangle

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



207, 173, 212



230, 168, 176



156, 193, 191



123, 161, 197

Sweetspot

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



207, 173, 212



253, 240, 255



173, 177, 212



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



207, 173, 212



248, 199, 255



212, 173, 198



106, 96, 107



149, 0, 171



38, 0, 43

Inverse Universe

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



212, 173, 178



255, 199, 206



173, 202, 212



107, 96, 98



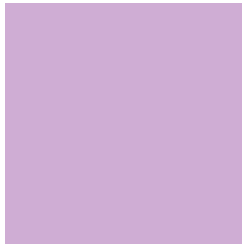
171, 0, 22



43, 0, 6

Previews

White Background



This preview shows how the RYB color 207, 173, 212 looks on a white background.

Color Contrast Check

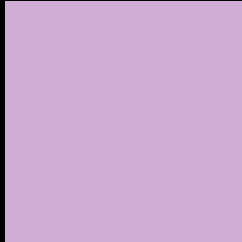
Large Text (above 18pt) WCAG AA × Fail

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 207, 173, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

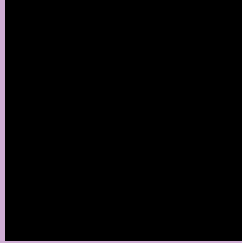
Any Text WCAG AA ✓ Pass

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 207, 173, 212 Background



This preview shows how black text looks on a background with the RYB color 207, 173, 212.



This preview shows how white text looks on a background with the RYB color 207, 173, 212.

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
207, 173, 212

Protanopia
177, 182, 218

Deuteranopia
189, 180, 211



Tritanopia
204, 177, 191

Trichromacy



Original Color
207, 173, 212

Protanomaly
188, 179, 216

Deuteranomaly
196, 177, 211

Tritanomaly
205, 176, 199

Monochromacy



Original Color
207, 173, 212

Achromatopsia
188, 188, 188

Achromatomaly
195, 183, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 173, 212 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(207, 173, 212) looks like.

```
.text, #text, p{  
    color:rgb(207, 173, 212)  
}
```

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(207, 173, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 173, 212) }
```

Border

The CSS property to change the border of an element to RYB 207, 173, 212 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(207, 173, 212) }
```

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

```
.border{ border-color:rgb(207, 173, 212) }
```

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

Here you see how a box with a 4 pixel rgb(207, 173, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 173, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 173, 212);  
box-shadow:4px 4px 4px 4px rgb(207, 173,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 207, 173, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 173, 212) }
```

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

```
.background{ background-color: rgb(207,  
173, 212) }
```

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