

Converting Colors

`RYB(208, 185, 212)`

Have a look what the booklet for
RYB(208, 185, 212) contains.

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Color

R_YB(208, 185, 212)

Conversions

Conversions Part 1

Format	Color
Hex	D0B9D4
RGB	208, 185, 212
RGB Percent	82%, 73%, 83%
CMY	0.1843, 0.2745, 0.1686
CMYK	0.02, 0.13, 0.00, 0.17
HSL	291°, 24%, 78%
HSV	291°, 13%, 83%
XYZ	55.2451, 52.8613, 69.5789
YIQ	194.9550, 5.0410, 13.2730

Conversions

Conversions Part 2

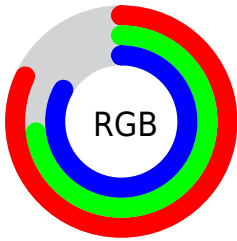
Format	Color
R _Y B	208, 185, 212
Decimal	13679060
CIE Lab	77.79, 12.99, -10.56
CIE LCh	78, 16.741, 320.913
Yxy	52.8613, 0.3109, 0.2975
Android (android.graphics.Color)	4291869140 (0xFFD0B9D4)
YUV	194.9550, 8.4032, 11.4405
Hunter-Lab	72.7058, 8.3971, -5.8460

Details

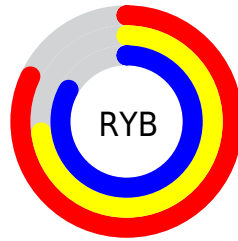
The RYB color **208, 185, 212** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **185, 212, 208**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 241, 255**, and **154, 132, 157** is the 20% darker color. If you saturate the color by 10%, you get **205, 164, 212**, and if you desaturate by 10%, it is **211, 206, 212**.

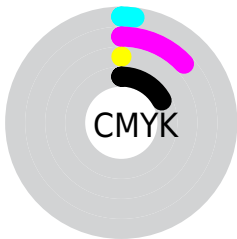
Distribution



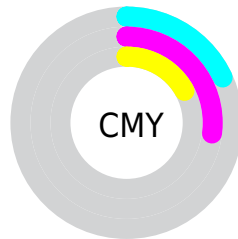
- Red (82%)
- Green (73%)
- Blue (83%)



- Red (82%)
- Yellow (73%)
- Blue (83%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 185, 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 208, 185, 212 by changing the saturation by 10% instead.

■ 208, 185, 212

255, 255, 255

■ 255, 241, 255

■ 208, 185, 212

■ 180, 158, 184

■ 154, 132, 157

■ 127, 107, 131

■ 102, 82, 106

■ 78, 59, 82

■ 55, 37, 59

■ 33, 17, 37

■ 1, 0, 16

■ 0, 0, 0

■ 208, 185, 212

■ 208, 185, 212

■ 205, 164, 212

■ 211, 206, 212

■ 202, 143, 212

■ 212, 227, 225

■ 199, 121, 212

■ 212, 249, 244

■ 195, 100, 212

■ 212, 255, 246

■ 192, 79, 212

■ 212, 255, 243

■ 189, 58, 212

■ 212, 255, 240

■ 186, 37, 212

■ 212, 255, 237

■ 183, 15, 212

■ 212, 255, 234

■ 181, 0, 212

■ 212, 255, 231

Harmonies

Analogous

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



189, 190, 221



208, 185, 212



221, 182, 198

Triad

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



208, 185, 212



194, 209, 162



152, 177, 203

Complementary

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



208, 185, 212



185, 212, 208

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.



160, 185, 201



208, 185, 212



163, 195, 165

Square

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



208, 185, 212



221, 192, 169



172, 199, 196



155, 181, 216

Rectangle

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



208, 185, 212



225, 182, 187



172, 199, 196



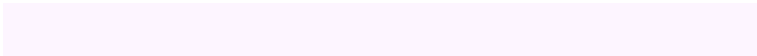
153, 178, 201

Sweetspot

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



208, 185, 212



253, 245, 255



185, 188, 212



127, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



208, 185, 212



249, 217, 255



212, 185, 203



106, 96, 107



146, 0, 171



37, 0, 43

Inverse Universe

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



212, 185, 189



255, 217, 222



185, 205, 212



107, 96, 98



171, 0, 25



43, 0, 6

Previews

White Background



This preview shows how the RYB color 208, 185, 212 looks on a white background.

Color Contrast Check

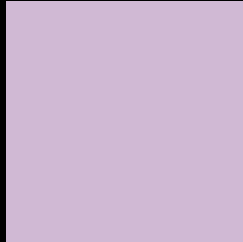
Large Text (above 18pt) WCAG AA × Fail

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 208, 185, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

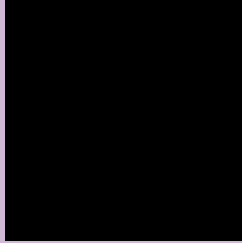
Any Text WCAG AA ✓ Pass

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 208, 185, 212 Background



This preview shows how black text looks on a background with the RYB color 208, 185, 212.



This preview shows how white text looks on a background with the RYB color 208, 185, 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
208, 185, 212

Protanopia
189, 191, 216

Deuteranopia
202, 187, 212



Tritanopia
206, 187, 201

Trichromacy



Original Color

208, 185, 212

Protanomaly

196, 189, 215

Deuteranomaly

204, 186, 212

Tritanomaly

207, 186, 205

Monochromacy



Original Color

208, 185, 212

Achromatopsia

195, 195, 195

Achromatomaly

200, 191, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 185, 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(208, 185, 212) looks like.

```
.text, #text, p{  
    color:rgb(208, 185, 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(208, 185, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 185, 212) }
```

Border

The CSS property to change the border of an element to RYB 208, 185, 212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

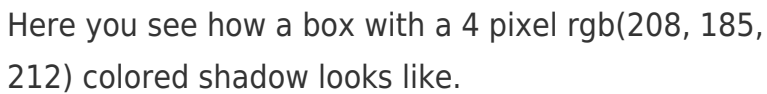
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 185, 212) }
```

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

```
.border{ border-color:rgb(208, 185, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 185, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 185, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 185, 212);  
box-shadow:4px 4px 4px 4px rgb(208, 185,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 208, 185, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 185, 212) }
```

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

```
.background{ background-color: rgb(208,  
185, 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](#).

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