

Converting Colors

`RYB(213, 180, 208)`

Have a look what the booklet for RYB(213, 180, 208) contains.

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Color

$\text{RYB}(213, 180, 208)$

Conversions

Conversions Part 1

Format	Color
Hex	D5B4D0
RGB	213, 180, 208
RGB Percent	84%, 71%, 82%
CMY	0.1647, 0.2941, 0.1843
CMYK	0.00, 0.15, 0.02, 0.16
HSL	309°, 28%, 77%
HSV	309°, 15%, 84%
XYZ	55.1470, 51.3427, 66.6781
YIQ	193.0590, 10.6800, 15.7040

Conversions

Conversions Part 2

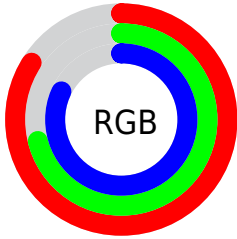
Format	Color
R _Y B	213, 180, 208
Decimal	14005456
CIE Lab	76.89, 16.66, -9.69
CIE LCh	77, 19.270, 329.809
Yxy	51.3427, 0.3185, 0.2965
Android (android.graphics.Color)	4292195536 (0xFFD5B4D0)
YUV	193.0590, 7.3659, 17.4883
Hunter-Lab	71.6538, 11.9849, -5.0151

Details

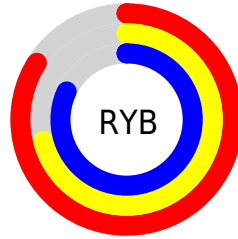
The RYB color **213, 180, 208** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **180, 209, 213**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 236, 255**, and **158, 127, 154** is the 20% darker color. If you saturate the color by 10%, you get **213, 159, 205**, and if you desaturate by 10%, it is **213, 201, 211**.

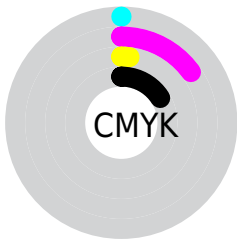
Distribution



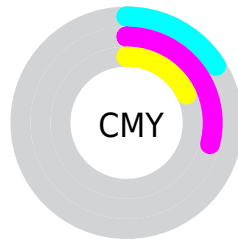
- Red (84%)
- Green (71%)
- Blue (82%)



- Red (84%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 180, 208 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 213, 180, 208 by changing the saturation by 10% instead.

■ 213, 180, 208

255, 255, 255

■ 255, 236, 255

■ 213, 180, 208

■ 185, 153, 180

■ 158, 127, 154

■ 132, 102, 128

■ 106, 78, 103

■ 82, 55, 79

■ 59, 33, 56

■ 36, 12, 34

■ 3, 0, 11

■ 0, 0, 0

 213, 180, 208

 213, 180, 208

 213, 159, 205

 213, 201, 211

 213, 137, 202


 213, 222, 223

 213, 116, 198


 213, 240, 244

 213, 95, 195

 213, 248, 255

 213, 74, 192

 213, 246, 255

 213, 52, 189


 213, 245, 255

 213, 31, 185

 213, 242, 255

 213, 10, 182

 213, 241, 255

 213, 0, 181

 213, 240, 255

Harmonies

Analogous

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



193, 185, 221



213, 180, 208



225, 177, 191

Triad

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



213, 180, 208



178, 204, 154



142, 173, 207

Complementary

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



213, 180, 208



180, 209, 213

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.



148, 177, 200



213, 180, 208



159, 194, 169

Square

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



213, 180, 208



219, 198, 160



164, 192, 198



150, 178, 220

Rectangle

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



213, 180, 208



227, 178, 178



164, 192, 198



143, 172, 201

Sweetspot

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



213, 180, 208



255, 242, 253



185, 180, 213



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



213, 180, 208



255, 207, 248



213, 180, 192



107, 96, 105



171, 0, 145



43, 0, 37

Inverse Universe

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



213, 180, 208



255, 207, 248



180, 200, 213



107, 96, 105



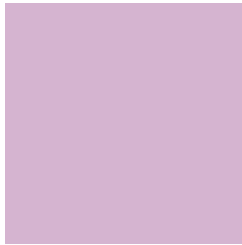
171, 0, 145



43, 0, 37

Previews

White Background



This preview shows how the RYB color 213, 180, 208 looks on a white background.

Color Contrast Check

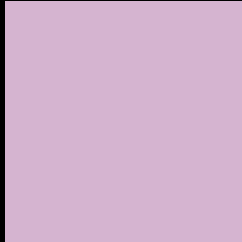
Large Text (above 18pt) WCAG AA × Fail

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 213, 180, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

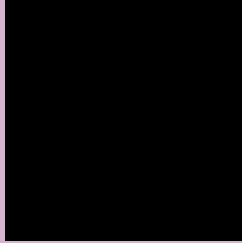
Any Text WCAG AA ✓ Pass

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 213, 180, 208 Background



This preview shows how black text looks on a background with the RYB color 213, 180, 208.



This preview shows how white text looks on a background with the RYB color 213, 180, 208.

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
213, 180, 208

Protanopia
186, 189, 213

Deuteranopia
201, 185, 207



Tritanopia
211, 182, 196

Trichromacy



Original Color
213, 180, 208

Protanomaly
196, 186, 211

Deuteranomaly
205, 183, 207

Tritanomaly
212, 181, 200

Monochromacy



Original Color
213, 180, 208

Achromatopsia
193, 193, 193

Achromatomaly
200, 188, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 180, 208 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(213, 180, 208) looks like.

```
.text, #text, p{  
    color:rgb(213, 180, 208)  
}
```

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(213, 180, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 180, 208) }
```

Border

The CSS property to change the border of an element to RYB 213, 180, 208 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(213, 180, 208) }
```

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

```
.border{ border-color:rgb(213, 180, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 180, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 180, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 180, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 180,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 213, 180, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 180, 208) }
```

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

```
.background{ background-color: rgb(213,  
180, 208) }
```

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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