

Converting Colors

`RYB(213, 177, 222)`

Have a look what the booklet for RYB(213, 177, 222) contains.

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Color

R_YB(213, 177, 222)

Conversions

Conversions Part 1

Format	Color
Hex	D5B1DE
RGB	213, 177, 222
RGB Percent	84%, 69%, 87%
CMY	0.1647, 0.3059, 0.1294
CMYK	0.04, 0.20, 0.00, 0.13
HSL	288°, 41%, 78%
HSV	288°, 20%, 87%
XYZ	56.3475, 50.8643, 75.9552
YIQ	192.8940, 7.0110, 21.6270

Conversions

Conversions Part 2

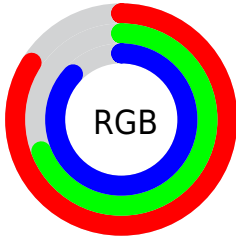
Format	Color
R _Y B	213, 177, 222
Decimal	14004702
CIE Lab	76.60, 20.91, -17.73
CIE LCh	77, 27.411, 319.707
Yxy	50.8643, 0.3076, 0.2777
Android (android.graphics.Color)	4292194782 (0xFFD5B1DE)
YUV	192.8940, 14.3493, 17.6330
Hunter-Lab	71.3192, 16.2197, -13.2206

Details

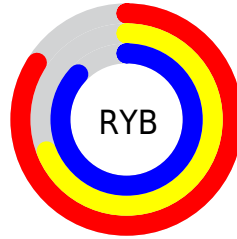
The RYB color **213, 177, 222** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177, 222, 213**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 233, 255**, and **158, 124, 167** is the 20% darker color. If you saturate the color by 10%, you get **209, 155, 222**, and if you desaturate by 10%, it is **217, 199, 222**.

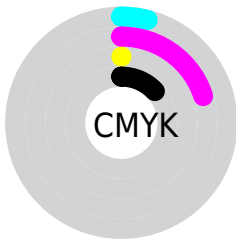
Distribution



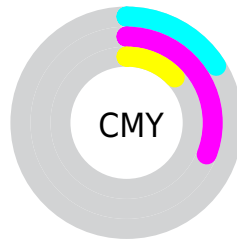
- Red (84%)
- Green (69%)
- Blue (87%)



- Red (84%)
- Yellow (69%)
- Blue (87%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 177, 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 213, 177, 222 by changing the saturation by 10% instead.

■ 213, 177, 222

255, 255, 255

■ 255, 233, 255

■ 213, 177, 222

■ 185, 150, 194

■ 158, 124, 167

■ 132, 99, 140

■ 106, 75, 115

■ 81, 52, 90

■ 58, 30, 67

■ 35, 8, 44

■ 3, 0, 24

■ 0, 0, 0

213, 177, 222

213, 177, 222

209, 155, 222

217, 199, 222

204, 133, 222

222, 221, 222

200, 110, 222

222, 244, 240

195, 88, 222

222, 255, 246

191, 66, 222

222, 255, 242

186, 44, 222

222, 255, 237

182, 22, 222

222, 255, 233

178, 0, 222

222, 255, 228

222, 255, 224

Harmonies

Analogous

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



181, 186, 236



213, 177, 222



234, 171, 199

Triad

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



213, 177, 222



194, 216, 139



116, 160, 205

Complementary

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



213, 177, 222



177, 222, 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.



134, 176, 203



213, 177, 222



141, 193, 144

Square

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



213, 177, 222



234, 187, 151



156, 199, 194



119, 165, 227

Rectangle

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



213, 177, 222



240, 171, 182



156, 199, 194



120, 163, 203

Sweetspot

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



213, 177, 222



252, 240, 255



177, 185, 222



126, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 177, 222



243, 194, 255



222, 177, 209



110, 101, 112



141, 0, 176



39, 0, 48

Inverse Universe

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



222, 177, 186



255, 194, 206



177, 211, 222



112, 101, 103



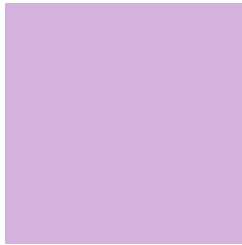
176, 0, 35



48, 0, 10

Previews

White Background



This preview shows how the RYB color 213, 177, 222 looks on a white background.

Color Contrast Check

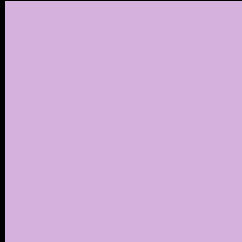
Large Text (above 18pt) WCAG AA × Fail

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 213, 177, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

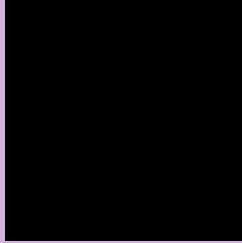
Any Text WCAG AA ✓ Pass

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 213, 177, 222 Background



This preview shows how black text looks on a background with the RYB color 213, 177, 222.



This preview shows how white text looks on a background with the RYB color 213, 177, 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
213, 177, 222

Protanopia
180, 186, 229

Deuteranopia
192, 185, 221



Tritanopia
209, 182, 196

Trichromacy



Original Color

213, 177, 222

Protanomaly

192, 183, 226

Deuteranomaly

200, 182, 221

Tritanomaly

210, 180, 205

Monochromacy



Original Color

213, 177, 222

Achromatopsia

193, 193, 193

Achromatomaly

200, 187, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 177, 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(213, 177, 222) looks like.

```
.text, #text, p{  
    color:rgb(213, 177, 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(213, 177, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 177, 222) }
```

Border

The CSS property to change the border of an element to RYB 213, 177, 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(213, 177, 222) }
```

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

```
.border{ border-color:rgb(213, 177, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 177, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 177, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 177, 222);  
box-shadow:4px 4px 4px 4px rgb(213, 177,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 213, 177, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 177, 222) }
```

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

```
.background{ background-color: rgb(213,  
177, 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](#).

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