

Converting Colors

`RYB(210, 177, 201)`

Have a look what the booklet for
RYB(210, 177, 201) contains.

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Color

$\text{RYB}(210, 177, 201)$

Conversions

Conversions Part 1

Format	Color
Hex	D2B1C9
RGB	210, 177, 201
RGB Percent	82%, 69%, 79%
CMY	0.1765, 0.3059, 0.2118
CMYK	0.00, 0.16, 0.04, 0.18
HSL	316°, 27%, 76%
HSV	316°, 16%, 82%
XYZ	52.8431, 49.3630, 62.0012
YIQ	189.6030, 11.9640, 14.4600

Conversions

Conversions Part 2

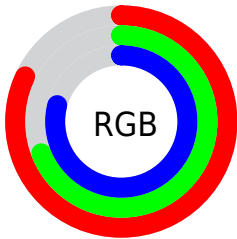
Format	Color
R _Y B	210, 177, 201
Decimal	13808073
CIE Lab	75.68, 15.98, -7.71
CIE LCh	76, 17.742, 334.247
Yxy	49.3630, 0.3218, 0.3006
Android (android.graphics.Color)	4291998153 (0xFFD2B1C9)
YUV	189.6030, 5.6187, 17.8882
Hunter-Lab	70.2588, 11.3007, -3.1405

Details

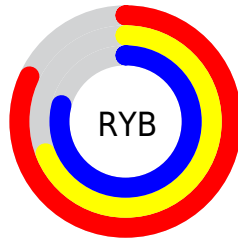
The RYB color **210, 177, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177, 203, 210**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 233, 255**, and **155, 124, 147** is the 20% darker color. If you saturate the color by 10%, you get **210, 156, 195**, and if you desaturate by 10%, it is **210, 198, 207**.

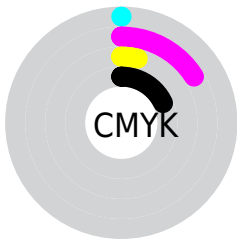
Distribution



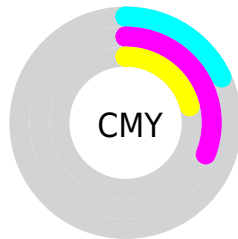
- Red (82%)
- Green (69%)
- Blue (79%)



- Red (82%)
- Yellow (69%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (18%)




- Cyan (18%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 177, 201 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 210, 177, 201 by changing the saturation by 10% instead.

 210, 177, 201

 210, 177, 201

255, 255, 255

 182, 150, 174

 255, 233, 255

 155, 124, 147

 129, 99, 121

 104, 75, 96


 79, 52, 73


 56, 31, 50


 34, 9, 29


 0, 0, 1


 0, 0, 0

 210, 177, 201


 210, 177, 201

 210, 156, 195

 210, 198, 207

 210, 135, 190


 210, 217, 219

 210, 114, 184

 210, 234, 240

 210, 93, 178

 210, 244, 255

 210, 72, 172


 210, 241, 255

 210, 51, 167


 210, 239, 255

 210, 30, 161

 210, 237, 255

 210, 9, 155

 210, 235, 255

 210, 0, 153

 210, 233, 255

Harmonies

Analogous

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



192, 182, 213



210, 177, 201



220, 175, 185

Triad

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



210, 177, 201



169, 197, 154



143, 171, 204

Complementary

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



210, 177, 201



177, 203, 210

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.



147, 174, 196



210, 177, 201



159, 191, 171

Square

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



210, 177, 201



212, 198, 158



160, 186, 195



153, 177, 215

Rectangle

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



210, 177, 201



221, 176, 174



160, 186, 195



143, 170, 199

Sweetspot

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



210, 177, 201



255, 242, 252



186, 177, 210



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



210, 177, 201



255, 207, 242



210, 177, 185



105, 94, 102



168, 0, 122



41, 0, 30

Inverse Universe

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



210, 177, 201



255, 207, 242



177, 196, 210



105, 94, 102



168, 0, 122



41, 0, 30

Previews

White Background



This preview shows how the RYB color 210, 177, 201 looks on a white background.

Color Contrast Check

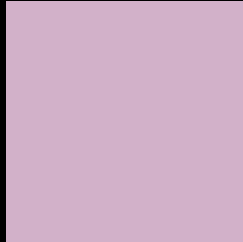
Large Text (above 18pt) WCAG AA × Fail

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 210, 177, 201 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 210, 177, 201 Background



This preview shows how black text looks on a background with the RYB color 210, 177, 201.



This preview shows how white text looks on a background with the RYB color 210, 177, 201.

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
210, 177, 201

Protanopia
184, 185, 206

Deuteranopia
199, 181, 200



Tritanopia
209, 178, 192

Trichromacy



Original Color

210, 177, 201

Protanomaly

193, 182, 204

Deuteranomaly

203, 180, 200

Tritanomaly

209, 178, 195

Monochromacy



Original Color

210, 177, 201

Achromatopsia

190, 190, 190

Achromatomaly

197, 185, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 177, 201 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(210, 177, 201) looks like.

```
.text, #text, p{  
    color:rgb(210, 177, 201)  
}
```

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(210, 177, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 177, 201) }
```

Border

The CSS property to change the border of an element to RYB 210, 177, 201 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(210, 177, 201) }
```

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

```
.border{ border-color:rgb(210, 177, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 177, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 177, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 177, 201);  
box-shadow:4px 4px 4px 4px rgb(210, 177,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 210, 177, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 177, 201) }
```

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

```
.background{ background-color: rgb(210,  
177, 201) }
```

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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