

Converting Colors

`RYB(219, 177, 181)`

Have a look what the booklet for
RYB(219, 177, 181) contains.

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Color

R_YB(219, 177, 181)

Conversions

Conversions Part 1

Format	Color
Hex	DBB1B5
RGB	219, 177, 181
RGB Percent	86%, 69%, 71%
CMY	0.1412, 0.3059, 0.2902
CMYK	0.00, 0.19, 0.17, 0.14
HSL	354°, 37%, 78%
HSV	354°, 19%, 86%
XYZ	53.2760, 49.8405, 50.5283
YIQ	190.0140, 23.7480, 10.1480

Conversions

Conversions Part 2

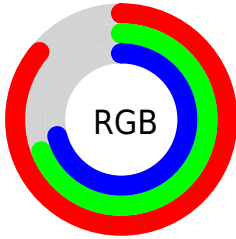
Format	Color
R _Y B	219, 177, 181
Decimal	14397877
CIE Lab	75.97, 15.83, 3.73
CIE LCh	76, 16.262, 13.257
Yxy	49.8405, 0.3467, 0.3244
Android (android.graphics.Color)	4292587957 (0xFFDDBB1B5)
YUV	190.0140, -4.4439, 25.4207
Hunter-Lab	70.5978, 11.1573, 6.9834

Details

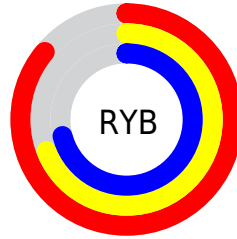
The RYB color **219, 177, 181** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **177, 199, 219**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 233, 237**, and **163, 124, 128** is the 20% darker color. If you saturate the color by 10%, you get **219, 155, 161**, and if you desaturate by 10%, it is **219, 199, 201**.

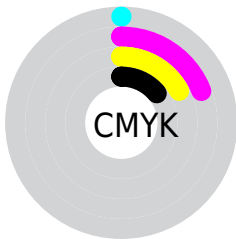
Distribution



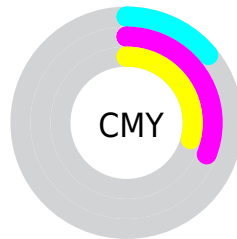
- Red (86%)
- Green (69%)
- Blue (71%)



- Red (86%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 177, 181 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 219, 177, 181 by changing the saturation by 10% instead.

 219, 177, 181

255, 255, 255


 255, 233, 237

 219, 177, 181

 191, 150, 154

 163, 124, 128

 137, 99, 103

 111, 75, 79

 86, 52, 56


 62, 30, 35

 40, 9, 13


 0, 0, 0

 219, 177, 181

 219, 177, 181

 219, 155, 161

 219, 199, 201

 219, 133, 141

 219, 220, 221


 219, 111, 122


 219, 232, 243

 219, 89, 102

 219, 237, 255

 219, 68, 82

 219, 46, 62

 219, 24, 42

 219, 2, 22

 219, 0, 21

Harmonies

Analogous

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



212, 178, 196



219, 177, 181



217, 183, 167

Triad

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



219, 177, 181



165, 193, 183



161, 180, 216

Complementary

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



219, 177, 181



177, 199, 219

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.



150, 175, 207



219, 177, 181



159, 183, 195

Square

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



219, 177, 181



163, 192, 158



149, 173, 196



179, 185, 216

Rectangle

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



219, 177, 181



211, 197, 161



149, 173, 196



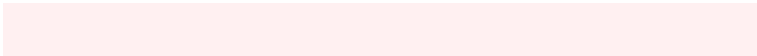
156, 178, 214

Sweetspot

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



219, 177, 181



255, 240, 241



215, 177, 219



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



219, 177, 181



255, 196, 202



219, 206, 177



110, 99, 100



173, 0, 17



46, 0, 4

Inverse Universe

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



219, 177, 181



255, 196, 202



177, 193, 219



110, 99, 100



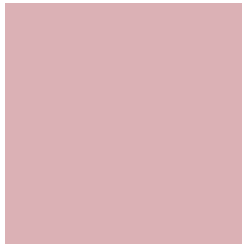
173, 0, 17



46, 0, 4

Previews

White Background



This preview shows how the RYB color 219, 177, 181 looks on a white background.

Color Contrast Check

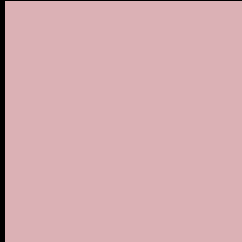
Large Text (above 18pt) WCAG AA × Fail

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 219, 177, 181 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 219, 177, 181 Background



This preview shows how black text looks on a background with the RYB color 219, 177, 181.

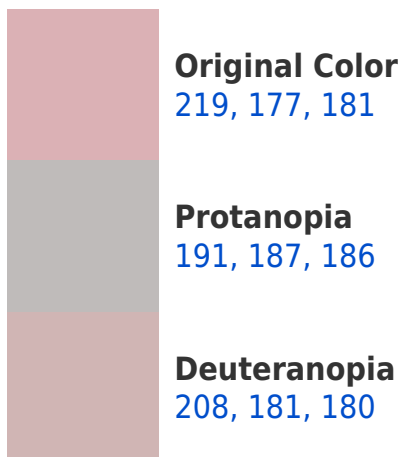


This preview shows how white text looks on a background with the RYB color 219, 177, 181.

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](#).

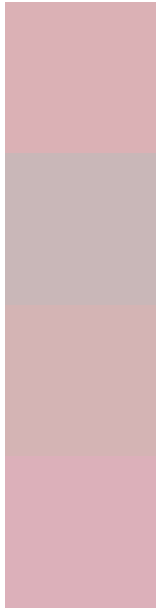
Dichromacy





Tritanopia
220, 176, 189

Trichromacy



Original Color
219, 177, 181

Protanomaly
201, 183, 184

Deuteranomaly
212, 180, 180

Tritanomaly
220, 176, 186

Monochromacy



Original Color
219, 177, 181

Achromatopsia
190, 190, 190

Achromatomaly
201, 185, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 177, 181 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(219, 177, 181) looks like.

```
.text, #text, p{  
    color:rgb(219, 177, 181)  
}
```

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(219, 177, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 177, 181) }
```

Border

The CSS property to change the border of an element to RYB 219, 177, 181 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(219, 177, 181) }
```

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

```
.border{ border-color:rgb(219, 177, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 177, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 177, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 177, 181);  
box-shadow:4px 4px 4px 4px rgb(219, 177,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 219, 177, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 177, 181) }
```

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

```
.background{ background-color: rgb(219,  
177, 181) }
```

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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