

Converting Colors

`RYB(215, 171, 180)`

Have a look what the booklet for
RYB(215, 171, 180) contains.

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Color

R_YB(215, 171, 180)

Conversions

Conversions Part 1

Format	Color
Hex	D7ABB4
RGB	215, 171, 180
RGB Percent	84%, 67%, 71%
CMY	0.1569, 0.3294, 0.2941
CMYK	0.00, 0.20, 0.16, 0.16
HSL	348°, 35%, 76%
HSV	348°, 20%, 84%
XYZ	50.8255, 46.8682, 49.5477
YIQ	185.1820, 23.3350, 12.1270

Conversions

Conversions Part 2

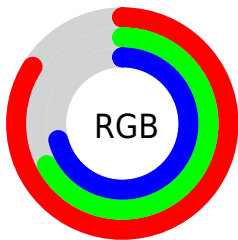
Format	Color
R _Y B	215, 171, 180
Decimal	14134196
CIE Lab	74.11, 17.45, 1.52
CIE LCh	74, 17.517, 4.980
Yxy	46.8682, 0.3452, 0.3183
Android (android.graphics.Color)	4292324276 (0xFFD7ABB4)
YUV	185.1820, -2.5547, 26.1504
Hunter-Lab	68.4603, 12.7141, 5.0115

Details

The RYB color **215, 171, 180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 196, 215**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 226, 236**, and **160, 119, 127** is the 20% darker color. If you saturate the color by 10%, you get **215, 150, 163**, and if you desaturate by 10%, it is **215, 193, 197**.

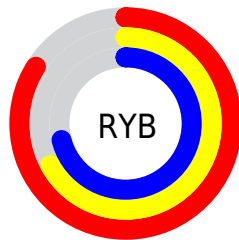
Distribution



Red (84%)

Green (67%)

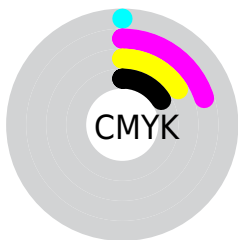
Blue (71%)



Red (84%)

Yellow (67%)

Blue (71%)

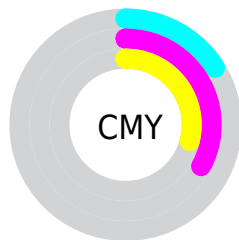


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (16%)



Cyan (16%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 215, 171, 180 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 215, 171, 180 by changing the saturation by 10% instead.


 215, 171, 180

 215, 171, 180

255, 255, 255

 187, 144, 153

 255, 226, 236

 160, 119, 127

 133, 94, 102

 107, 70, 78


 82, 47, 56

 59, 25, 34

 37, 1, 12


 0, 0, 0

 215, 171, 180

 215, 171, 180

 215, 150, 163

 215, 193, 197

 215, 128, 146


 215, 214, 214

 215, 106, 129


 215, 227, 236


 215, 85, 112


 215, 237, 255

 215, 63, 94

 215, 235, 255

 215, 42, 77

 215, 20, 60

 215, 0, 44

Harmonies

Analogous

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



206, 173, 196



215, 171, 180



215, 175, 164

Triad

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



215, 171, 180



156, 187, 169



149, 173, 211

Complementary

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



215, 171, 180



171, 196, 215

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.



140, 168, 200



215, 171, 180



156, 181, 190

Square

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



215, 171, 180



163, 192, 150



143, 170, 192



168, 179, 214

Rectangle

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



215, 171, 180



210, 185, 156



143, 170, 192



145, 171, 208

Sweetspot

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



215, 171, 180



255, 240, 243



205, 171, 215



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

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



215, 171, 180



255, 191, 204



215, 188, 171



107, 96, 99



171, 0, 35



43, 0, 9

Inverse Universe

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



215, 171, 180



255, 191, 204



171, 190, 215



107, 96, 99



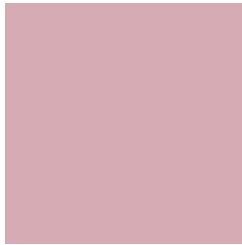
171, 0, 35



43, 0, 9

Previews

White Background



This preview shows how the RYB color 215, 171, 180 looks on a white background.

Color Contrast Check

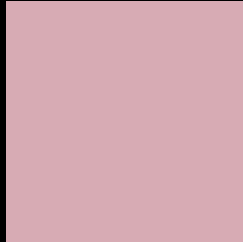
Large Text (above 18pt) WCAG AA × Fail

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 215, 171, 180 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](#).

R_YB 215, 171, 180 Background



This preview shows how black text looks on a background with the RYB color 215, 171, 180.

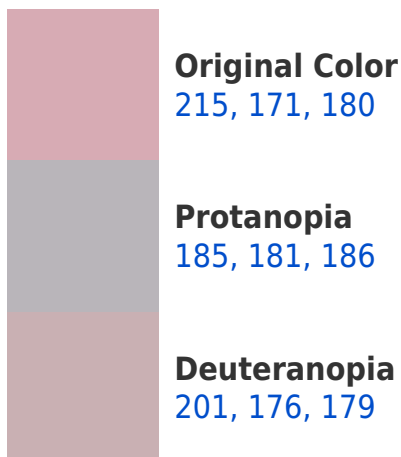



This preview shows how white text looks on a background with the RYB color 215, 171, 180.

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](#).

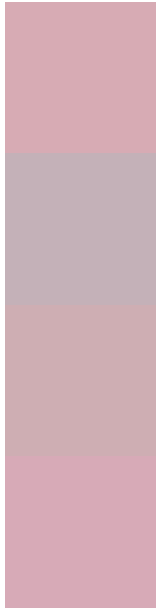
Dichromacy





Tritanopia
215, 170, 184

Trichromacy



Original Color

215, 171, 180

Protanomaly

196, 177, 184

Deuteranomaly

206, 174, 179

Tritanomaly

215, 170, 183

Monochromacy



Original Color

215, 171, 180

Achromatopsia

185, 185, 185

Achromatomaly

196, 180, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 171, 180 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(215, 171, 180) looks like.

```
.text, #text, p{  
    color:rgb(215, 171, 180)  
}
```

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(215, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 171, 180) }
```

Border

The CSS property to change the border of an element to RYB 215, 171, 180 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(215, 171, 180) }
```

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

```
.border{ border-color:rgb(215, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(215, 171,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 215, 171, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 171, 180) }
```

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

```
.background{ background-color: rgb(215,  
171, 180) }
```

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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