

# Converting Colors

`RYB(201, 170, 179)`

Have a look what the booklet for RYB(201, 170, 179) contains.

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# **Color**

**$\text{RYB}(201, 170, 179)$**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9AAB3
RGB	201, 170, 179
RGB Percent	79%, 67%, 70%
CMY	0.2118, 0.3333, 0.2980
CMYK	0.00, 0.15, 0.11, 0.21
HSL	343°, 22%, 73%
HSV	343°, 15%, 79%
XYZ	46.5988, 44.4216, 48.7660
YIQ	180.2950, 15.5870, 9.3710

# Conversions

## Conversions Part 2

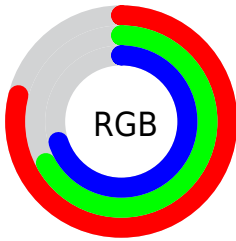
Format	Color
R <sub>Y</sub> B	201, 170, 179
Decimal	13216435
CIE Lab	72.51, 12.75, -0.42
CIE LCh	73, 12.760, 358.123
Yxy	44.4216, 0.3334, 0.3178
Android (android.graphics.Color)	4291406515 (0xFFC9AAB3)
YUV	180.2950, -0.6384, 18.1583
Hunter-Lab	66.6496, 8.1636, 3.2735

# Details

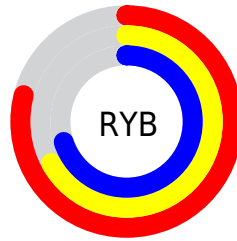
The RYB color **201, 170, 179** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **170, 188, 201**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 225, 235**, and **147, 118, 126** is the 20% darker color. If you saturate the color by 10%, you get **201, 150, 165**, and if you desaturate by 10%, it is **201, 190, 193**.

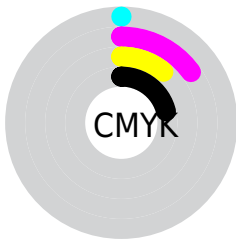
# Distribution



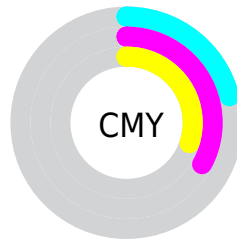
- Red (79%)
- Green (67%)
- Blue (70%)



- Red (79%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (21%)




- Cyan (21%)
- Magenta (33%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the RYB color 201, 170, 179 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 201, 170, 179 by changing the saturation by 10% instead.



 201, 170, 179

 201, 170, 179


255, 255, 255

 173, 143, 152

 255, 225, 235

 147, 118, 126

255, 254, 255

 121, 93, 101


 96, 69, 77


 72, 47, 55


 49, 26, 33


 30, 0, 11


 0, 0, 0


 201, 170, 179


 201, 170, 179


 201, 150, 165


 201, 190, 193

 201, 130, 150


 201, 206, 210


 201, 110, 136


 201, 218, 230

 201, 90, 122


 201, 230, 250


 201, 70, 108

 201, 229, 255

 201, 49, 93

 201, 228, 255

 201, 29, 79

 201, 9, 65

 201, 0, 58

# Harmonies

## Analogous

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



193, 172, 190



201, 170, 179



203, 172, 167

# Triad

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



201, 170, 179



157, 180, 162



153, 170, 197

# Complementary

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



201, 170, 179



170, 188, 201

# 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, 167, 188



201, 170, 179



162, 180, 183

# Square

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



201, 170, 179



172, 188, 155



152, 171, 185



165, 175, 201

# Rectangle

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



201, 170, 179



200, 176, 161



152, 171, 185



150, 169, 195



# Sweetspot

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



201, 170, 179



255, 242, 246



192, 170, 201



128, 120, 122



0, 0, 0



128, 128, 128



# Same Dimension

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



201, 170, 179



255, 207, 221



201, 177, 170



99, 90, 92



163, 0, 47



36, 0, 10



# Inverse Universe

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



201, 170, 179



255, 207, 221



170, 184, 201



99, 90, 92



163, 0, 47



36, 0, 10



# Previews

## White Background



This preview shows how the RYB color 201, 170, 179 looks on a white background.

## Color Contrast Check

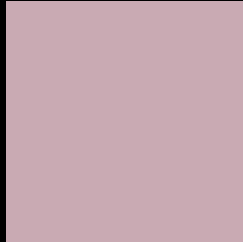
Large Text (above 18pt) WCAG AA × Fail

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 201, 170, 179 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

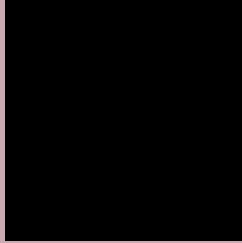
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **R/Y/B 201, 170, 179 Background**



This preview shows how black text looks on a background with the R/Y/B color 201, 170, 179.



This preview shows how white text looks on a background with the R/Y/B color 201, 170, 179.

# 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**  
201, 170, 179

**Protanopia**  
180, 177, 183

**Deuteranopia**  
195, 172, 179



**Tritanopia**  
201, 169, 183

# Trichromacy



**Original Color**

201, 170, 179

**Protanomaly**

188, 174, 182

**Deuteranomaly**

197, 171, 179

**Tritanomaly**

201, 169, 182

# Monochromacy



**Original Color**

201, 170, 179

**Achromatopsia**

180, 180, 180

**Achromatomaly**

188, 176, 180

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 201, 170, 179 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(201, 170, 179) looks like.

```
.text, #text, p{  
    color:rgb(201, 170, 179)  
}
```

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(201, 170, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 170, 179) }
```

## Border

The CSS property to change the border of an element to RYB 201, 170, 179 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(201, 170, 179) }
```

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

```
.border{ border-color:rgb(201, 170, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 170, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 170, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 170, 179);  
box-shadow:4px 4px 4px 4px rgb(201, 170,  
179) }
```

# Background

The CSS property to change the background color of an element to RGB 201, 170, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 170, 179) }
```

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

```
.background{ background-color: rgb(201,  
170, 179) }
```

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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