

Converting Colors

`RYB(201, 171, 209)`

Have a look what the booklet for
RYB(201, 171, 209) contains.

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Color

R_YB(201, 171, 209)

Conversions

Conversions Part 1

Format	Color
Hex	C9ABD1
RGB	201, 171, 209
RGB Percent	79%, 67%, 82%
CMY	0.2118, 0.3294, 0.1804
CMYK	0.04, 0.18, 0.00, 0.18
HSL	287°, 29%, 75%
HSV	287°, 18%, 82%
XYZ	50.1589, 46.1468, 66.5852
YIQ	184.3020, 5.6820, 18.1780

Conversions

Conversions Part 2

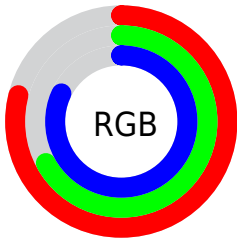
Format	Color
RYB	201, 171, 209
Decimal	13216721
CIELab	73.64, 17.67, -15.21
CIELCh	74, 23.315, 319.287
Yxy	46.1468, 0.3079, 0.2833
Android (android.graphics.Color)	4291406801 (0xFFC9ABD1)
YUV	184.3020, 12.1761, 14.6441
Hunter-Lab	67.9314, 12.9201, -10.5630

Details

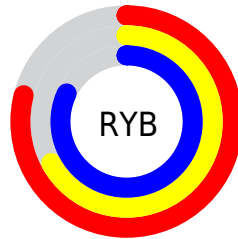
The RYB color **201, 171, 209** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 209, 201**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **255, 226, 255**, and **147, 119, 155** is the 20% darker color. If you saturate the color by 10%, you get **197, 150, 209**, and if you desaturate by 10%, it is **205, 192, 209**.

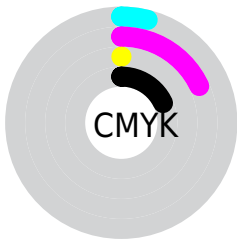
Distribution



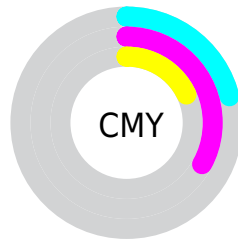
- Red (79%)
- Green (67%)
- Blue (82%)



- Red (79%)
- Yellow (67%)
- Blue (82%)



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




- Cyan (21%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 201, 171, 209 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, 171, 209 by changing the saturation by 10% instead.

 201, 171, 209


255, 255, 255

 255, 226, 255

 201, 171, 209


 173, 144, 181

 147, 119, 155

 121, 94, 128

 96, 70, 103

 72, 47, 79

 49, 26, 56

 29, 1, 35

 0, 0, 10

 0, 0, 0

■ 201, 171, 209

■ 201, 171, 209

■ 197, 150, 209

■ 205, 192, 209

■ 192, 129, 209

■ 209, 213, 212

■ 188, 108, 209

■ 209, 234, 229

■ 183, 87, 209

■ 209, 255, 245

■ 179, 66, 209

■ 209, 255, 241

■ 175, 46, 209

■ 209, 255, 237

■ 170, 25, 209

■ 209, 255, 232

■ 166, 4, 209

■ 209, 255, 228

■ 165, 0, 209

■ 209, 255, 223

Harmonies

Analogous

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



174, 178, 221



201, 171, 209



219, 166, 190

Triad

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



201, 171, 209



185, 204, 139



121, 157, 194

Complementary

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



201, 171, 209



171, 209, 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.



135, 170, 193



201, 171, 209



140, 184, 141

Square

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



201, 171, 209



220, 179, 149



153, 189, 184



125, 162, 213

Rectangle

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



201, 171, 209



224, 166, 175



153, 189, 184



125, 161, 193

Sweetspot

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



201, 171, 209



252, 242, 255



171, 178, 209



126, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 171, 209



243, 199, 255



209, 171, 198



102, 94, 105



133, 0, 168



32, 0, 41

Inverse Universe

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



209, 171, 179



255, 199, 211



171, 200, 209



105, 94, 96



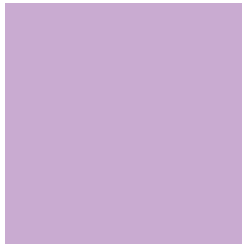
168, 0, 35



41, 0, 9

Previews

White Background



This preview shows how the RYB color 201, 171, 209 looks on a white background.

Color Contrast Check

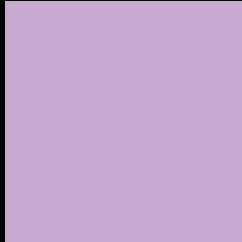
Large Text (above 18pt) WCAG AA × Fail

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, 171, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

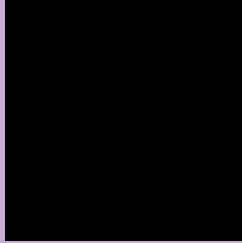
Any Text WCAG AA ✓ Pass

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 201, 171, 209 Background



This preview shows how black text looks on a background with the RYB color 201, 171, 209.

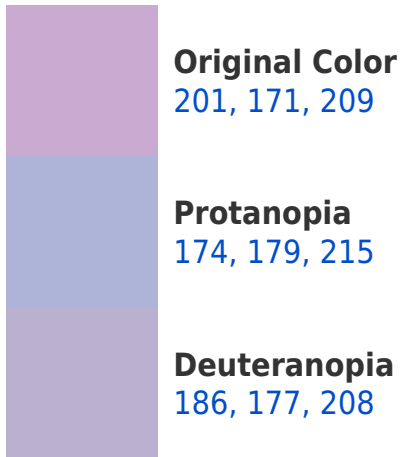


This preview shows how white text looks on a background with the RYB color 201, 171, 209.

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
198, 175, 188

Trichromacy



Original Color
201, 171, 209

Protanomaly
184, 177, 213

Deuteranomaly
191, 175, 208

Tritanomaly
199, 174, 196

Monochromacy



Original Color
201, 171, 209

Achromatopsia
184, 184, 184

Achromatomaly
190, 179, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 171, 209 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, 171, 209) looks like.

```
.text, #text, p{  
    color:rgb(201, 171, 209)  
}
```

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, 171, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 171, 209) }
```

Border

The CSS property to change the border of an element to RYB 201, 171, 209 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, 171, 209) }
```

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

```
.border{ border-color:rgb(201, 171, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 171, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 171, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 171, 209);  
box-shadow:4px 4px 4px 4px rgb(201, 171,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 201, 171, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 171, 209) }
```

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

```
.background{ background-color: rgb(201,  
171, 209) }
```

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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