

Converting Colors

`RYB(201, 170, 204)`

Have a look what the booklet for
RYB(201, 170, 204) contains.

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Color

R_YB(201, 170, 204)

Conversions

Conversions Part 1

Format	Color
Hex	C9AACC
RGB	201, 170, 204
RGB Percent	79%, 67%, 80%
CMY	0.2118, 0.3333, 0.2000
CMYK	0.01, 0.17, 0.00, 0.20
HSL	295°, 25%, 73%
HSV	295°, 17%, 80%
XYZ	49.3612, 45.5266, 63.3126
YIQ	183.1450, 7.5620, 17.1460

Conversions

Conversions Part 2

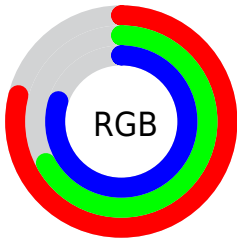
Format	Color
R _Y B	201, 170, 204
Decimal	13216460
CIE Lab	73.24, 17.26, -13.07
CIE LCh	73, 21.651, 322.851
Yxy	45.5266, 0.3120, 0.2878
Android (android.graphics.Color)	4291406540 (0xFFC9AACC)
YUV	183.1450, 10.2815, 15.6588
Hunter-Lab	67.4734, 12.5060, -8.4025

Details

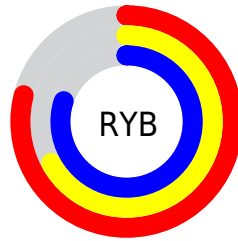
The RYB color **201, 170, 204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170, 204, 201**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 225, 255**, and **147, 118, 150** is the 20% darker color. If you saturate the color by 10%, you get **199, 150, 204**, and if you desaturate by 10%, it is **203, 190, 204**.

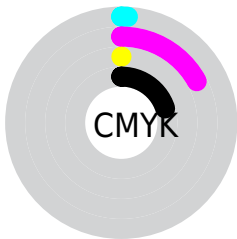
Distribution



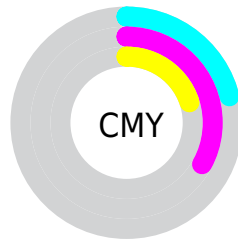
- Red (79%)
- Green (67%)
- Blue (80%)



- Red (79%)
- Yellow (67%)
- Blue (80%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)




- Cyan (21%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 170, 204 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, 204 by changing the saturation by 10% instead.


 201, 170, 204

255, 255, 255


 255, 225, 255

255, 254, 255

 201, 170, 204

 174, 143, 177

 147, 118, 150

 121, 93, 124

 96, 69, 99


 72, 46, 75


 49, 25, 52


 29, 0, 31


 0, 0, 3


 0, 0, 0

 201, 170, 204

 201, 170, 204

 199, 150, 204

 203, 190, 204

 197, 129, 204


 204, 211, 210

 196, 109, 204


 204, 231, 229

 194, 88, 204

 204, 252, 248

 192, 68, 204

 204, 255, 249

 190, 48, 204

 204, 255, 247

 188, 27, 204

 204, 255, 245

 187, 7, 204

 204, 255, 244

 186, 0, 204

 204, 255, 242

Harmonies

Analogous

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



177, 176, 216



201, 170, 204



217, 166, 185

Triad

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



201, 170, 204



179, 200, 141



125, 159, 194

Complementary

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



201, 170, 204



170, 204, 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.



136, 169, 191



201, 170, 204



143, 183, 147

Square

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



201, 170, 204



215, 182, 149



155, 188, 187



130, 164, 211

Rectangle

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



201, 170, 204



221, 166, 172



155, 188, 187



127, 160, 191

Sweetspot

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



201, 170, 204



254, 242, 255



170, 173, 204



127, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 170, 204



251, 204, 255



204, 170, 190



101, 92, 102



151, 0, 166



35, 0, 38

Inverse Universe

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



204, 170, 173



255, 204, 209



170, 194, 204



102, 92, 93



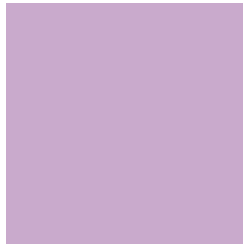
166, 0, 15



38, 0, 3

Previews

White Background



This preview shows how the RYB color 201, 170, 204 looks on a white background.

Color Contrast Check

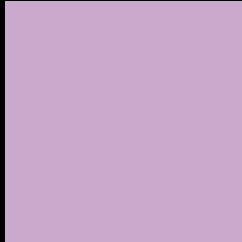
Large Text (above 18pt) WCAG AA × Fail

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, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

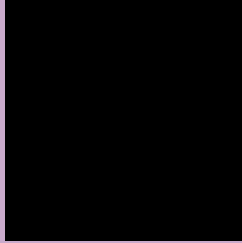
Any Text WCAG AA ✓ Pass

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, 170, 204 Background



This preview shows how black text looks on a background with the RYB color 201, 170, 204.

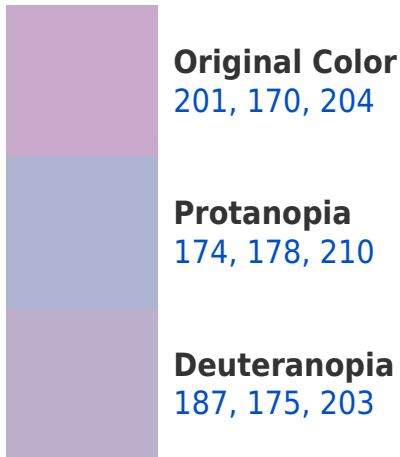



This preview shows how white text looks on a background with the RYB color 201, 170, 204.

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, 173, 187

Trichromacy



Original Color
201, 170, 204

Protanomaly
184, 176, 208

Deuteranomaly
192, 173, 203

Tritanomaly
199, 172, 193

Monochromacy



Original Color
201, 170, 204

Achromatopsia
183, 183, 183

Achromatomaly
190, 178, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 170, 204 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, 204) looks like.

```
.text, #text, p{  
    color:rgb(201, 170, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 170, 204) }
```

Border

The CSS property to change the border of an element to RYB 201, 170, 204 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, 204) }
```

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

```
.border{ border-color:rgb(201, 170, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 170, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 170, 204);  
box-shadow:4px 4px 4px 4px rgb(201, 170,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 201, 170, 204 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, 204) }
```

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

```
.background{ background-color: rgb(201,  
170, 204) }
```

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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