

Converting Colors

`RYB(205, 151, 201)`

Have a look what the booklet for
RYB(205, 151, 201) contains.

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Color

R_YB(205, 151, 201)

Conversions

Conversions Part 1

Format	Color
Hex	CD97C9
RGB	205, 151, 201
RGB Percent	80%, 59%, 79%
CMY	0.1961, 0.4078, 0.2118
CMYK	0.00, 0.26, 0.02, 0.20
HSL	304°, 35%, 70%
HSV	304°, 26%, 80%
XYZ	46.7861, 39.3294, 60.3838
YIQ	172.8460, 16.1340, 26.9980

Conversions

Conversions Part 2

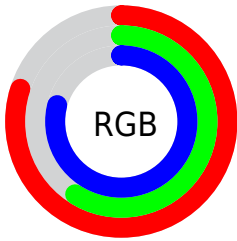
Format	Color
RYB	205, 151, 201
Decimal	13473737
CIELab	68.99, 28.45, -17.78
CIElCh	69, 33.555, 327.994
Yxy	39.3294, 0.3194, 0.2685
Android (android.graphics.Color)	4291663817 (0xFFCD97C9)
YUV	172.8460, 13.8799, 28.1991
Hunter-Lab	62.7132, 23.4188, -13.1886

Details

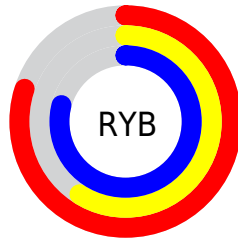
The RYB color **205, 151, 201** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **151, 201, 205**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 206, 255**, and **150, 99, 147** is the 20% darker color. If you saturate the color by 10%, you get **205, 131, 199**, and if you desaturate by 10%, it is **205, 172, 203**.

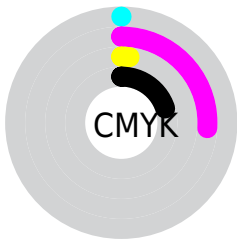
Distribution



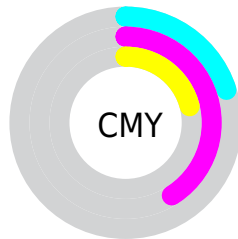
- Red (80%)
- Green (59%)
- Blue (79%)



- Red (80%)
- Yellow (59%)
- Blue (79%)



- Cyan (0%)
- Magenta (26%)
- Yellow (2%)
- Black (20%)



- Cyan (20%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 205, 151, 201 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 205, 151, 201 by changing the saturation by 10% instead.

 205, 151, 201

 205, 151, 201

255, 255, 255

 177, 125, 174

 255, 206, 255

 150, 99, 147


 255, 234, 255

 124, 75, 121

 98, 51, 96


 73, 28, 72

 50, 5, 50

 31, 0, 29

 0, 0, 0

 205, 151, 201

 205, 151, 201

 205, 131, 199


 205, 172, 203

 205, 110, 198

 205, 192, 204

 205, 90, 196

 205, 212, 213

 205, 69, 195

 205, 231, 233

 205, 49, 193

 205, 250, 254

 205, 28, 192

 205, 250, 255

 205, 8, 190

 205, 249, 255

 205, 0, 190

 205, 248, 255

 205, 247, 255

Harmonies

Analogous

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



169, 161, 222



205, 151, 201



225, 145, 172

Triad

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



205, 151, 201



143, 191, 107



61, 125, 196

Complementary

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



205, 151, 201



151, 201, 205

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.



87, 142, 185



205, 151, 201



114, 175, 130

Square

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



205, 151, 201



215, 178, 118



124, 173, 182



78, 137, 219

Rectangle

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



205, 151, 201



229, 146, 151



124, 173, 182



66, 126, 186

Sweetspot

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



205, 151, 201



255, 235, 253



155, 151, 205



128, 115, 127



0, 0, 0



128, 128, 128

Same Dimension

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



205, 151, 201



255, 173, 249



205, 151, 174



102, 92, 101



166, 0, 153



38, 0, 35

Inverse Universe

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



205, 151, 201



255, 173, 249



151, 185, 205



102, 92, 101



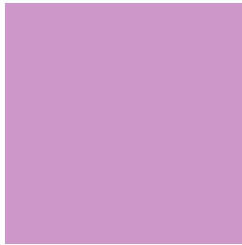
166, 0, 153



38, 0, 35

Previews

White Background



This preview shows how the RYB color 205, 151, 201 looks on a white background.

Color Contrast Check

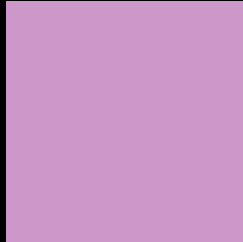
Large Text (above 18pt) WCAG AA × Fail

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 205, 151, 201 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 205, 151, 201 Background



This preview shows how black text looks on a background with the RYB color 205, 151, 201.

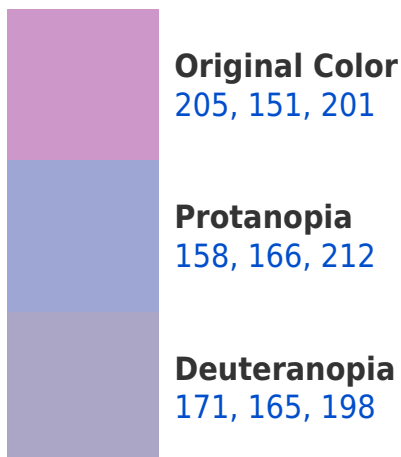



This preview shows how white text looks on a background with the RYB color 205, 151, 201.

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
201, 157, 169

Trichromacy



Original Color
205, 151, 201

Protanomaly
175, 161, 208

Deuteranomaly
183, 160, 199

Tritanomaly
202, 155, 181

Monochromacy



Original Color
205, 151, 201

Achromatopsia
173, 173, 173

Achromatomaly
185, 165, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 151, 201 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(205, 151, 201)` looks like.

```
.text, #text, p{  
    color:rgb(205, 151, 201)  
}
```

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(205, 151, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 151, 201) }
```

Border

The CSS property to change the border of an element to RYB 205, 151, 201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

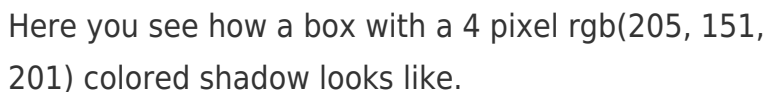
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 151, 201) }
```

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

```
.border{ border-color:rgb(205, 151, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 151, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 151, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 151, 201);  
box-shadow:4px 4px 4px 4px rgb(205, 151,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 205, 151, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 151, 201) }
```

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

```
.background{ background-color: rgb(205,  
151, 201) }
```

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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