

Converting Colors

`RYB(201, 165, 183)`

Have a look what the booklet for
RYB(201, 165, 183) contains.

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Color

R_YB(201, 165, 183)

Conversions

Conversions Part 1

Format	Color
Hex	C9A5B7
RGB	201, 165, 183
RGB Percent	79%, 65%, 72%
CMY	0.2118, 0.3529, 0.2824
CMYK	0.00, 0.18, 0.09, 0.21
HSL	330°, 25%, 72%
HSV	330°, 18%, 79%
XYZ	46.0898, 42.7467, 50.6215
YIQ	177.8160, 15.6780, 13.2300

Conversions

Conversions Part 2

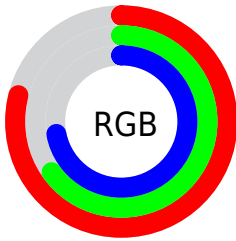
Format	Color
R _Y B	201, 165, 183
Decimal	13215159
CIE Lab	71.38, 16.17, -4.28
CIE LCh	71, 16.725, 345.183
Yxy	42.7467, 0.3305, 0.3065
Android (android.graphics.Color)	4291405239 (0xFFC9A5B7)
YUV	177.8160, 2.5557, 20.3324
Hunter-Lab	65.3809, 11.4155, -0.1389

Details

The RYB color **201, 165, 183** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165, 189, 201**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 220, 239**, and **147, 113, 130** is the 20% darker color. If you saturate the color by 10%, you get **201, 145, 173**, and if you desaturate by 10%, it is **201, 185, 193**.

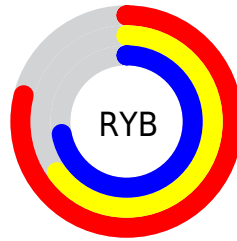
Distribution



Red (79%)

Green (65%)

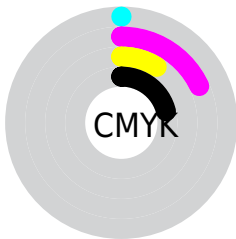
Blue (72%)



Red (79%)

Yellow (65%)

Blue (72%)

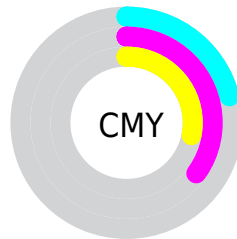


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 165, 183 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, 165, 183 by changing the saturation by 10% instead.

 201, 165, 183

 201, 165, 183


255, 255, 255

 173, 139, 156


 255, 220, 239


 147, 113, 130

 255, 249, 255

 121, 88, 105

 96, 65, 81


 71, 42, 58


 48, 21, 36


 30, 0, 15


 0, 0, 0


 201, 165, 183


 201, 165, 183

 201, 145, 173


 201, 185, 193

 201, 125, 163


 201, 204, 205

 201, 105, 153


 201, 217, 225


 201, 85, 143


 201, 230, 245

 201, 65, 133


 201, 235, 255

 201, 44, 123


 201, 231, 255

 201, 24, 113

 201, 229, 255

 201, 4, 103

 201, 228, 255

 201, 0, 101

Harmonies

Analogous

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



187, 168, 196



201, 165, 183



207, 164, 167

Triad

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



201, 165, 183



148, 179, 145



137, 163, 196

Complementary

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



201, 165, 183



165, 189, 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, 161, 184



201, 165, 183



153, 181, 173

Square

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



201, 165, 183



190, 194, 146



145, 169, 183



149, 168, 204

Rectangle

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



201, 165, 183



206, 168, 158



145, 169, 183



135, 161, 192

Sweetspot

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



201, 165, 183



255, 242, 249



183, 165, 201



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



201, 165, 183



255, 201, 228



201, 165, 165



99, 90, 94



163, 0, 82



36, 0, 18

Inverse Universe

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



201, 165, 183



255, 201, 228



165, 183, 201



99, 90, 94



163, 0, 82



36, 0, 18

Previews

White Background



This preview shows how the RYB color 201, 165, 183 looks on a white background.

Color Contrast Check

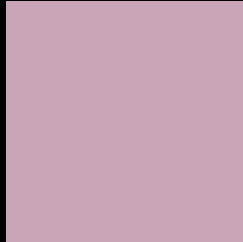
Large Text (above 18pt) WCAG AA × Fail

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, 165, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

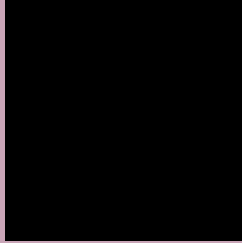
Any Text WCAG AA ✓ Pass

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, 165, 183 Background



This preview shows how black text looks on a background with the RYB color 201, 165, 183.



This preview shows how white text looks on a background with the RYB color 201, 165, 183.

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, 165, 183

Protanopia
174, 174, 188

Deuteranopia
189, 170, 182



Tritanopia
200, 166, 179

Trichromacy



Original Color

201, 165, 183

Protanomaly

184, 171, 186

Deuteranomaly

193, 168, 182

Tritanomaly

200, 166, 180

Monochromacy



Original Color

201, 165, 183

Achromatopsia

178, 178, 178

Achromatomaly

186, 173, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 165, 183 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, 165, 183) looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 183)  
}
```

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, 165, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 183) }
```

Border

The CSS property to change the border of an element to RYB 201, 165, 183 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, 165, 183) }
```

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

```
.border{ border-color:rgb(201, 165, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 165, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 183);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 201, 165, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 165, 183) }
```

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

```
.background{ background-color: rgb(201,  
165, 183) }
```

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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