

# Converting Colors

`RYB(201, 165, 206)`

Have a look what the booklet for  
RYB(201, 165, 206) contains.

<b>RYB(201, 165, 206)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**R<sub>YB</sub>(201, 165, 206)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9A5CE
RGB	201, 165, 206
RGB Percent	79%, 65%, 81%
CMY	0.2118, 0.3529, 0.1922
CMYK	0.02, 0.20, 0.00, 0.19
HSL	293°, 29%, 73%
HSV	293°, 20%, 81%
XYZ	48.6831, 43.7840, 64.2778
YIQ	180.4380, 8.2950, 20.3830

# Conversions

## Conversions Part 2

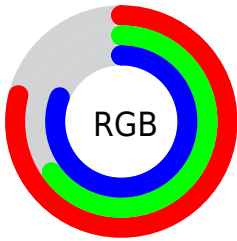
Format	Color
R <sub>Y</sub> B	201, 165, 206
Decimal	13215182
CIE Lab	72.08, 20.38, -15.91
CIE LCh	72, 25.853, 322.027
Yxy	43.7840, 0.3106, 0.2793
Android (android.graphics.Color)	4291405262 (0xFFC9A5CE)
YUV	180.4380, 12.6021, 18.0329
Hunter-Lab	66.1695, 15.5318, -11.2764

# Details

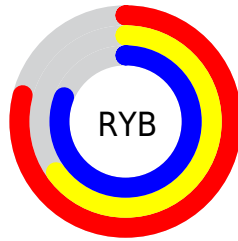
The RYB color **201, 165, 206** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165, 206, 201**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 220, 255**, and **147, 113, 152** is the 20% darker color. If you saturate the color by 10%, you get **198, 144, 206**, and if you desaturate by 10%, it is **204, 186, 206**.

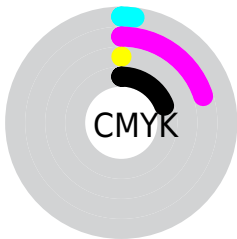
# Distribution



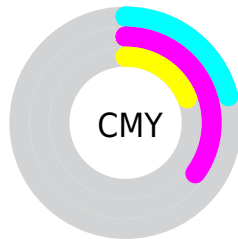
- Red (79%)
- Green (65%)
- Blue (81%)



- Red (79%)
- Yellow (65%)
- Blue (81%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)




- Cyan (21%)
- Magenta (35%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the RYB color 201, 165, 206 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, 206 by changing the saturation by 10% instead.



 201, 165, 206

 201, 165, 206


255, 255, 255

 173, 139, 178


 255, 220, 255


 147, 113, 152

 255, 249, 255

 121, 88, 126

 96, 65, 101


 71, 42, 77


 48, 21, 54

 29, 0, 33

 0, 0, 5

 0, 0, 0

 201, 165, 206

 201, 165, 206

 198, 144, 206


 204, 186, 206

 196, 124, 206

 206, 206, 206

 193, 103, 206

 206, 227, 224

 191, 83, 206

 206, 247, 242

 188, 62, 206


 206, 255, 247

 186, 41, 206

 206, 255, 245

 183, 21, 206

 206, 255, 242

 181, 0, 206

 206, 255, 240

 206, 255, 237

# Harmonies

## Analogous

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



172, 173, 220



201, 165, 206



220, 160, 184

# Triad

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



201, 165, 206



174, 200, 130



108, 150, 194

# Complementary

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



201, 165, 206



165, 206, 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.



123, 163, 190



201, 165, 206



133, 181, 138

# Square

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



201, 165, 206



218, 177, 140



147, 186, 184



113, 156, 213

# Rectangle

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



201, 165, 206



225, 160, 168



147, 186, 184



111, 152, 190



# Sweetspot

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



201, 165, 206



253, 240, 255



165, 169, 206



126, 119, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



201, 165, 206



248, 194, 255



206, 165, 191



101, 92, 102



146, 0, 166



34, 0, 38



# Inverse Universe

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



206, 165, 170



255, 194, 201



165, 195, 206



102, 92, 93



166, 0, 20



38, 0, 5



# Previews

## White Background



This preview shows how the RYB color 201, 165, 206 looks on a white background.

## Color Contrast Check

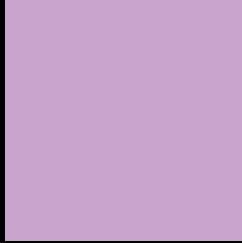
Large Text (above 18pt) WCAG AA × Fail

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, 206 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

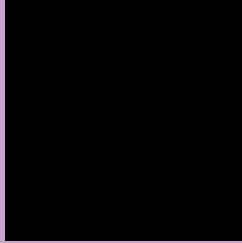
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 201, 165, 206 Background**



This preview shows how black text looks on a background with the RYB color 201, 165, 206.



This preview shows how white text looks on a background with the RYB color 201, 165, 206.

# 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, 206

**Protanopia**  
169, 174, 213

**Deuteranopia**  
181, 173, 205



**Tritanopia**  
198, 169, 182

# Trichromacy



**Original Color**  
201, 165, 206

**Protanomaly**  
181, 171, 210

**Deuteranomaly**  
188, 170, 205

**Tritanomaly**  
199, 168, 191

# Monochromacy



**Original Color**  
201, 165, 206

**Achromatopsia**  
180, 180, 180

**Achromatomaly**  
188, 175, 189

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 201, 165, 206 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, 206) looks like.

```
.text, #text, p{  
    color:rgb(201, 165, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 165, 206) }
```

## Border

The CSS property to change the border of an element to RYB 201, 165, 206 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, 206) }
```

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

```
.border{ border-color:rgb(201, 165, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 165, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 165, 206);  
box-shadow:4px 4px 4px 4px rgb(201, 165,  
206) }
```

# Background

The CSS property to change the background color of an element to RYB 201, 165, 206 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, 206) }
```

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

```
.background{ background-color: rgb(201,  
165, 206) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor