

# Converting Colors

`RYB(207, 175, 211)`

Have a look what the booklet for  
RYB(207, 175, 211) contains.

<b>RYB(207, 175, 211)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**R<sub>Y</sub>B(207, 175, 211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFAFD3
RGB	207, 175, 211
RGB Percent	81%, 69%, 83%
CMY	0.1882, 0.3137, 0.1725
CMYK	0.02, 0.17, 0.00, 0.17
HSL	293°, 29%, 76%
HSV	293°, 17%, 83%
XYZ	52.8200, 48.6285, 68.2303
YIQ	188.6720, 7.5160, 17.9800

# Conversions

## Conversions Part 2

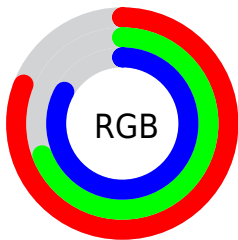
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	207, 175, 211
Decimal	13610963
CIE Lab	75.22, 17.89, -13.87
CIE LCh	75, 22.637, 322.209
Yxy	48.6285, 0.3113, 0.2866
Android (android.graphics.Color)	4291801043 (0xFFCFAFD3)
YUV	188.6720, 11.0077, 16.0737
Hunter-Lab	69.7341, 13.1697, -9.1975

# Details

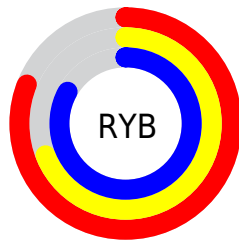
The RYB color **207, 175, 211** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175, 211, 207**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 231, 255**, and **152, 122, 156** is the 20% darker color. If you saturate the color by 10%, you get **205, 154, 211**, and if you desaturate by 10%, it is **209, 196, 211**.

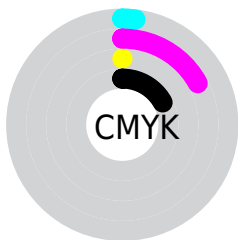
# Distribution



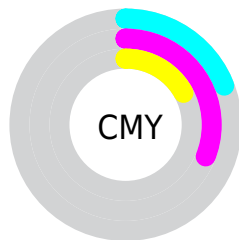
- Red (81%)
- Green (69%)
- Blue (83%)



- Red (81%)
- Yellow (69%)
- Blue (83%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (31%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 207, 175, 211 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 207, 175, 211 by changing the saturation by 10% instead.




 207, 175, 211

255, 255, 255


 255, 231, 255

 207, 175, 211

 179, 148, 183

 152, 122, 156

 126, 97, 130

 101, 73, 105

 77, 51, 81


 54, 29, 58

 32, 6, 36

 0, 1, 13


 0, 0, 0


 207, 175, 211


 207, 175, 211


 205, 154, 211


 209, 196, 211


 202, 133, 211


 211, 217, 216


 200, 112, 211


 211, 238, 235

 198, 91, 211


 211, 255, 250


 195, 70, 211

 211, 255, 247


 193, 48, 211

 211, 255, 245


 191, 27, 211

 211, 255, 243

 188, 6, 211

 211, 255, 240

 188, 0, 211

 211, 255, 238

# Harmonies

## Analogous

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



182, 182, 224



207, 175, 211



224, 171, 192

# Triad

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



207, 175, 211



183, 206, 144



127, 163, 200

# Complementary

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



207, 175, 211



175, 211, 207

# 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.



139, 173, 197



207, 175, 211



146, 189, 150

# Square

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



207, 175, 211



222, 185, 153



159, 194, 192



132, 168, 217

# Rectangle

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



207, 175, 211



228, 170, 177



159, 194, 192



130, 165, 197



# Sweetspot

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



207, 175, 211



254, 242, 255



175, 179, 211



127, 120, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



207, 175, 211



249, 204, 255



211, 175, 197



103, 94, 105



150, 0, 168



36, 0, 41



# Inverse Universe

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



211, 175, 179



255, 204, 210



175, 201, 211



105, 94, 95



168, 0, 19

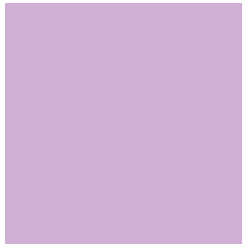


41, 0, 5



# Previews

## White Background



This preview shows how the RYB color 207, 175, 211 looks on a white background.

## Color Contrast Check

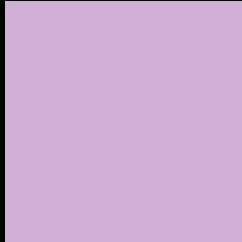
Large Text (above 18pt) WCAG AA × Fail

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 207, 175, 211 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

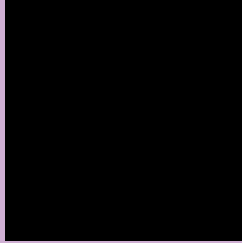
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 207, 175, 211 Background**



This preview shows how black text looks on a background with the RYB color 207, 175, 211.



This preview shows how white text looks on a background with the RYB color 207, 175, 211.

# 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**  
207, 175, 211

**Protanopia**  
179, 183, 217

**Deuteranopia**  
192, 181, 210



**Tritanopia**  
204, 178, 192

# Trichromacy



**Original Color**  
207, 175, 211

**Protanomaly**  
189, 181, 215

**Deuteranomaly**  
197, 179, 210

**Tritanomaly**  
205, 177, 199

# Monochromacy



**Original Color**  
207, 175, 211

**Achromatopsia**  
189, 189, 189

**Achromatomaly**  
196, 184, 197

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 207, 175, 211 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(207, 175, 211) looks like.

```
.text, #text, p{  
    color:rgb(207, 175, 211)  
}
```

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(207, 175, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 175, 211) }
```

## Border

The CSS property to change the border of an element to RYB 207, 175, 211 is called "border". The border property can be set on classes, ids or directly on the HTML element.

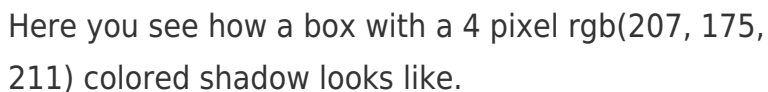
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 175, 211) }
```

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

```
.border{ border-color:rgb(207, 175, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 175, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 175, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 175, 211);  
box-shadow:4px 4px 4px 4px rgb(207, 175,  
211) }
```

# Background

The CSS property to change the background color of an element to RYB 207, 175, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 175, 211) }
```

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

```
.background{ background-color: rgb(207,  
175, 211) }
```

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