

Converting Colors

`RYB(205, 157, 191)`

Have a look what the booklet for
RYB(205, 157, 191) contains.

RYB(205, 157, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(205, 157, 191)

Conversions

Conversions Part 1

Format	Color
Hex	CD9DBF
RGB	205, 157, 191
RGB Percent	80%, 62%, 75%
CMY	0.1961, 0.3843, 0.2510
CMYK	0.00, 0.23, 0.07, 0.20
HSL	318°, 32%, 71%
HSV	318°, 23%, 80%
XYZ	46.6378, 40.8547, 54.7179
YIQ	175.2280, 17.6940, 20.7500

Conversions

Conversions Part 2

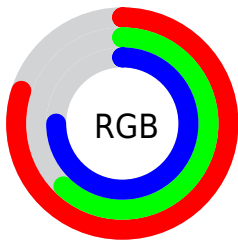
Format	Color
RYB	205, 157, 191
Decimal	13475263
CIELab	70.07, 23.36, -10.60
CIELCh	70, 25.655, 335.584
Yxy	40.8547, 0.3279, 0.2873
Android (android.graphics.Color)	4291665343 (0xFFCD9DBF)
YUV	175.2280, 7.7756, 26.1100
Hunter-Lab	63.9177, 18.3874, -6.0139

Details

The RYB color **205, 157, 191** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157, 194, 205**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 212, 247**, and **150, 105, 138** is the 20% darker color. If you saturate the color by 10%, you get **205, 137, 185**, and if you desaturate by 10%, it is **205, 178, 197**.

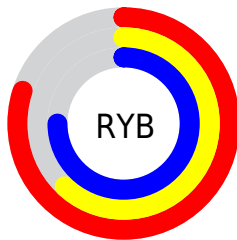
Distribution



Red (80%)

Green (62%)

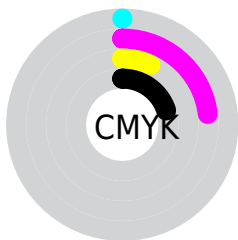
Blue (75%)



Red (80%)

Yellow (62%)

Blue (75%)

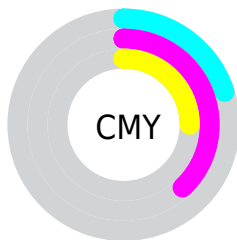


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 205, 157, 191 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, 157, 191 by changing the saturation by 10% instead.


 205, 157, 191

 205, 157, 191

255, 255, 255

 177, 131, 164


 255, 212, 247


 150, 105, 138

 255, 240, 255

 124, 81, 112

 99, 57, 88


 74, 35, 64

 51, 12, 42

 33, 0, 22

 0, 0, 0

 205, 157, 191

 205, 157, 191

205, 137, 185

205, 178, 197

205, 116, 179

205, 198, 203

205, 96, 173

205, 216, 219

205, 75, 167

205, 231, 239

205, 55, 161

205, 243, 255

205, 34, 155

205, 240, 255

205, 14, 149

205, 237, 255

205, 0, 145

205, 235, 255

205, 233, 255

Harmonies

Analogous

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



181, 164, 209



205, 157, 191



218, 154, 168

Triad

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



205, 157, 191



142, 184, 125



102, 146, 198

Complementary

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



205, 157, 191



157, 194, 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.



110, 149, 184



205, 157, 191



133, 178, 153

Square

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



205, 157, 191



205, 189, 130



132, 169, 183



118, 155, 213

Rectangle

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



205, 157, 191



219, 155, 152



132, 169, 183



102, 145, 191

Sweetspot

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



205, 157, 191



255, 237, 250



171, 157, 205



128, 117, 125



0, 0, 0



128, 128, 128

Same Dimension

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



205, 157, 191



255, 184, 234



205, 157, 167



102, 92, 99



166, 0, 117



38, 0, 27

Inverse Universe

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



205, 157, 191



255, 184, 234



157, 184, 205



102, 92, 99



166, 0, 117



38, 0, 27

Previews

White Background



This preview shows how the RYB color 205, 157, 191 looks on a white background.

Color Contrast Check

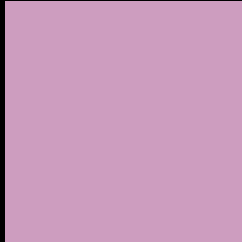
Large Text (above 18pt) WCAG AA × Fail

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, 157, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

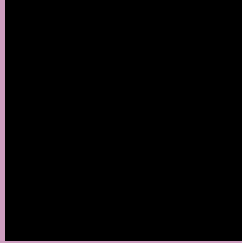
Any Text WCAG AA ✓ Pass

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, 157, 191 Background



This preview shows how black text looks on a background with the RYB color 205, 157, 191.



This preview shows how white text looks on a background with the RYB color 205, 157, 191.

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
205, 157, 191

Protanopia
166, 170, 200

Deuteranopia
180, 167, 189



Tritanopia
203, 160, 173

Trichromacy



Original Color
205, 157, 191

Protanomaly
180, 165, 197

Deuteranomaly
189, 163, 190

Tritanomaly
204, 159, 180

Monochromacy



Original Color
205, 157, 191

Achromatopsia
175, 175, 175

Achromatomaly
186, 168, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 157, 191 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, 157, 191) looks like.

```
.text, #text, p{  
    color:rgb(205, 157, 191)  
}
```

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, 157, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 157, 191) }
```

Border

The CSS property to change the border of an element to RYB 205, 157, 191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

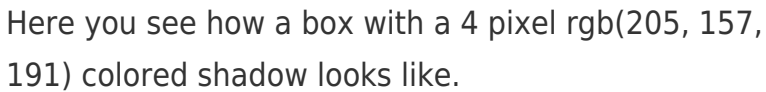
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 157, 191) }
```

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

```
.border{ border-color:rgb(205, 157, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 157, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 157, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 157, 191);  
box-shadow:4px 4px 4px 4px rgb(205, 157,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 205, 157, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 157, 191) }
```

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

```
.background{ background-color: rgb(205,  
157, 191) }
```

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