

Converting Colors

`RYB(207, 157, 203)`

Have a look what the booklet for
RYB(207, 157, 203) contains.

RYB(207, 157, 203)	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

$\text{RYB}(207, 157, 203)$

Conversions

Conversions Part 1

Format	Color
Hex	CF9DCB
RGB	207, 157, 203
RGB Percent	81%, 62%, 80%
CMY	0.1882, 0.3843, 0.2039
CMYK	0.00, 0.24, 0.02, 0.19
HSL	305°, 34%, 71%
HSV	305°, 24%, 81%
XYZ	48.5686, 41.6911, 61.9873
YIQ	177.1940, 15.0340, 24.9060

Conversions

Conversions Part 2

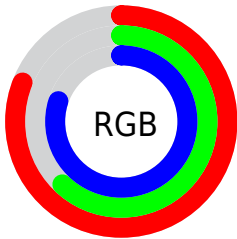
Format	Color
R_{YB}	207, 157, 203
Decimal	13606347
CIE _{Lab}	70.66, 26.21, -16.35
CIE _{LCh}	71, 30.895, 328.049
Yxy	41.6911, 0.3190, 0.2738
Android (android.graphics.Color)	4291796427 (0xFFCF9DCB)
YUV	177.1940, 12.7224, 26.1399
Hunter-Lab	64.5687, 21.2726, -11.7216

Details

The RYB color **207, 157, 203** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157, 203, 207**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **255, 212, 255**, and **152, 105, 149** is the 20% darker color. If you saturate the color by 10%, you get **207, 136, 201**, and if you desaturate by 10%, it is **207, 178, 205**.

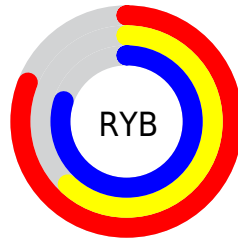
Distribution



Red (81%)

Green (62%)

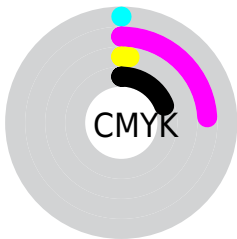
Blue (80%)



Red (81%)

Yellow (62%)

Blue (80%)

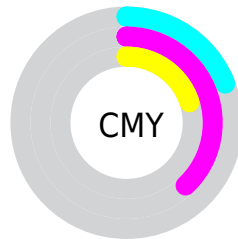


Cyan (0%)

Magenta (24%)

Yellow (2%)

Black (19%)



Cyan (19%)


Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 157, 203 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, 157, 203 by changing the saturation by 10% instead.


 207, 157, 203

 207, 157, 203

255, 255, 255

 179, 131, 176

 255, 212, 255

 152, 105, 149

 255, 240, 255

 126, 80, 123

 100, 57, 98

 76, 34, 74

 52, 11, 51

 34, 0, 31

 0, 0, 1

 0, 0, 0

■ 207, 157, 203

■ 207, 157, 203

■ 207, 136, 201

■ 207, 178, 205

■ 207, 116, 200

■ 207, 198, 206

■ 207, 95, 198

■ 207, 218, 219

■ 207, 74, 196

■ 207, 237, 240

■ 207, 54, 195

■ 207, 251, 255

■ 207, 33, 193

■ 207, 250, 255

■ 207, 12, 191

■ 207, 248, 255

■ 207, 0, 190

■ 207, 247, 255

■ 207, 246, 255

Harmonies

Analogous

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



174, 166, 222



207, 157, 203



226, 152, 176

Triad

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



207, 157, 203



152, 194, 117



81, 137, 198

Complementary

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



207, 157, 203



157, 203, 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.



101, 150, 188



207, 157, 203



123, 179, 137

Square

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



207, 157, 203



217, 183, 126



132, 177, 185



95, 147, 220

Rectangle

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



207, 157, 203



229, 152, 157



132, 177, 185



85, 137, 189

Sweetspot

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



207, 157, 203



255, 237, 254



160, 157, 207



128, 117, 127



0, 0, 0



128, 128, 128

Same Dimension

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



207, 157, 203



255, 181, 249



207, 157, 179



105, 94, 104



168, 0, 155



41, 0, 38

Inverse Universe

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



207, 157, 203



255, 181, 249



157, 189, 207



105, 94, 104



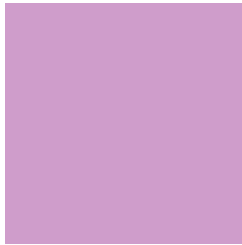
168, 0, 155



41, 0, 38

Previews

White Background



This preview shows how the RYB color 207, 157, 203 looks on a white background.

Color Contrast Check

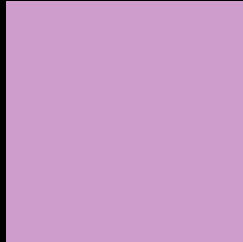
Large Text (above 18pt) WCAG AA × Fail

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, 157, 203 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, 157, 203 Background



This preview shows how black text looks on a background with the RYB color 207, 157, 203.



This preview shows how white text looks on a background with the RYB color 207, 157, 203.

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, 157, 203

Protanopia
164, 170, 213

Deuteranopia
177, 169, 201



Tritanopia
203, 162, 175

Trichromacy



Original Color

207, 157, 203



Protanomaly

180, 166, 209



Deuteranomaly

188, 165, 202



Tritanomaly

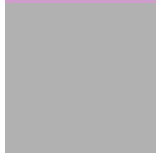
204, 160, 185

Monochromacy



Original Color

207, 157, 203



Achromatopsia

177, 177, 177



Achromatomaly

188, 170, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 157, 203 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, 157, 203) looks like.

```
.text, #text, p{  
    color:rgb(207, 157, 203)  
}
```

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, 157, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 157, 203) }
```

Border

The CSS property to change the border of an element to RYB 207, 157, 203 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, 157, 203) }
```

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

```
.border{ border-color:rgb(207, 157, 203) }
```

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

Here you see how a box with a 4 pixel rgb(207, 157, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 157, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 157, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 157,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 207, 157, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 157, 203) }
```

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

```
.background{ background-color: rgb(207,  
157, 203) }
```

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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