

Converting Colors

`RYB(192, 158, 204)`

Have a look what the booklet for
RYB(192, 158, 204) contains.

RYB(192, 158, 204)	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(192, 158, 204)

Conversions

Conversions Part 1

Format	Color
Hex	C09ECC
RGB	192, 158, 204
RGB Percent	75%, 62%, 80%
CMY	0.2471, 0.3804, 0.2000
CMYK	0.06, 0.23, 0.00, 0.20
HSL	284°, 31%, 71%
HSV	284°, 23%, 80%
XYZ	44.8642, 40.0198, 62.4867
YIQ	173.4100, 5.4980, 21.5140

Conversions

Conversions Part 2

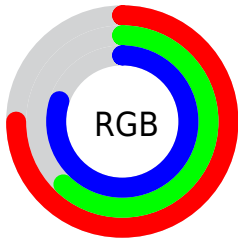
Format	Color
R_{YB}	192, 158, 204
Decimal	12623564
CIE _{Lab}	69.48, 20.84, -18.82
CIE _{LCh}	69, 28.080, 317.921
Yxy	40.0198, 0.3044, 0.2716
Android (android.graphics.Color)	4290813644 (0xFFC09ECC)
YUV	173.4100, 15.0809, 16.3034
Hunter-Lab	63.2612, 15.8831, -14.2813

Details

The RYB color **192, 158, 204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **158, 204, 192**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **249, 213, 255**, and **138, 106, 150** is the 20% darker color. If you saturate the color by 10%, you get **187, 138, 204**, and if you desaturate by 10%, it is **197, 178, 204**.

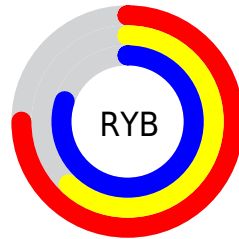
Distribution



Red (75%)

Green (62%)

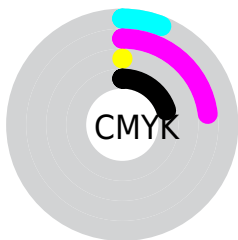
Blue (80%)



Red (75%)

Yellow (62%)

Blue (80%)

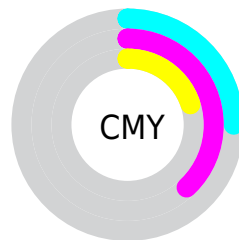


Cyan (6%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (25%)


Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 158, 204 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 192, 158, 204 by changing the saturation by 10% instead.


 192, 158, 204

255, 255, 255

 249, 213, 255

 255, 241, 255

 192, 158, 204


 165, 132, 176

 138, 106, 150

 112, 82, 124

 87, 59, 99

 64, 36, 75

 41, 15, 52

 23, 0, 31

 0, 0, 2

 0, 0, 0

192, 158, 204

192, 158, 204

187, 138, 204

197, 178, 204

181, 117, 204

203, 199, 204

176, 97, 204

204, 219, 215

171, 76, 204

204, 240, 231

165, 56, 204

204, 255, 240

160, 36, 204

204, 255, 235

155, 15, 204

204, 255, 230

151, 0, 204

204, 255, 224

204, 255, 219

Harmonies

Analogous

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



159, 166, 218



192, 158, 204



214, 152, 181

Triad

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



192, 158, 204



175, 197, 120



93, 139, 184

Complementary

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



192, 158, 204



158, 204, 192

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.



114, 156, 183



192, 158, 204



121, 173, 122

Square

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



192, 158, 204



215, 165, 133



135, 179, 171



95, 144, 207

Rectangle

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



192, 158, 204



220, 151, 164



135, 179, 171



99, 144, 184

Sweetspot

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



192, 158, 204



250, 237, 255



158, 168, 204



125, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



192, 158, 204



237, 186, 255



204, 158, 193



99, 92, 102



123, 0, 166



28, 0, 38

Inverse Universe

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



204, 158, 170



255, 186, 204



158, 195, 204



102, 92, 94



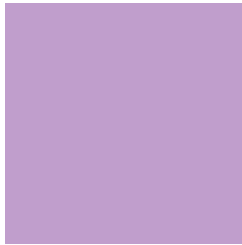
166, 0, 43



38, 0, 10

Previews

White Background



This preview shows how the RYB color 192, 158, 204 looks on a white background.

Color Contrast Check

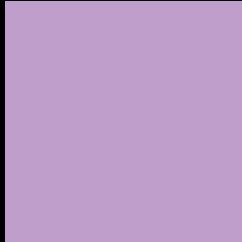
Large Text (above 18pt) WCAG AA × Fail

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 192, 158, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

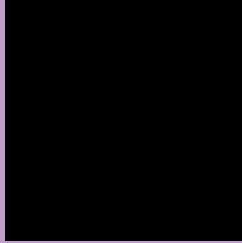
Any Text WCAG AA ✓ Pass

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 192, 158, 204 Background



This preview shows how black text looks on a background with the RYB color 192, 158, 204.



This preview shows how white text looks on a background with the RYB color 192, 158, 204.

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
192, 158, 204

Protanopia
160, 167, 211

Deuteranopia
170, 166, 202



Tritanopia
188, 163, 176

Trichromacy



Original Color
192, 158, 204

Protanomaly
172, 164, 208

Deuteranomaly
178, 163, 203

Tritanomaly
189, 161, 186

Monochromacy



Original Color
192, 158, 204

Achromatopsia
173, 173, 173

Achromatomaly
180, 168, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 158, 204 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(192, 158, 204)` looks like.

```
.text, #text, p{  
    color:rgb(192, 158, 204)  
}
```

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(192, 158, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 158, 204) }
```

Border

The CSS property to change the border of an element to RYB 192, 158, 204 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(192, 158, 204) }
```

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

```
.border{ border-color:rgb(192, 158, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 158, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 158, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 158, 204);  
box-shadow:4px 4px 4px 4px rgb(192, 158,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 192, 158, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 158, 204) }
```

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

```
.background{ background-color: rgb(192,  
158, 204) }
```

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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