

Converting Colors

`RYB(198, 159, 188)`

Have a look what the booklet for
RYB(198, 159, 188) contains.

RYB(198, 159, 188)	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(198, 159, 188)

Conversions

Conversions Part 1

Format	Color
Hex	C69FBC
RGB	198, 159, 188
RGB Percent	78%, 62%, 74%
CMY	0.2235, 0.3765, 0.2627
CMYK	0.00, 0.20, 0.05, 0.22
HSL	315°, 25%, 70%
HSV	315°, 20%, 78%
XYZ	44.7639, 40.4329, 53.0220
YIQ	173.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

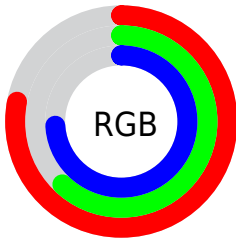
Format	Color
R_{YB}	198, 159, 188
Decimal	13017020
CIE _{Lab}	69.78, 19.29, -9.46
CIE _{LCh}	70, 21.482, 333.880
Yxy	40.4329, 0.3239, 0.2925
Android (android.graphics.Color)	4291207100 (0xFFC69FBC)
YUV	173.9670, 6.9183, 21.0769
Hunter-Lab	63.5869, 14.3836, -4.9282

Details

The RYB color **198, 159, 188** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **159, 190, 198**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 214, 244**, and **144, 107, 135** is the 20% darker color. If you saturate the color by 10%, you get **198, 139, 183**, and if you desaturate by 10%, it is **198, 179, 193**.

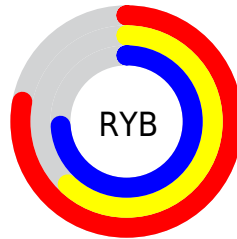
Distribution



Red (78%)

Green (62%)

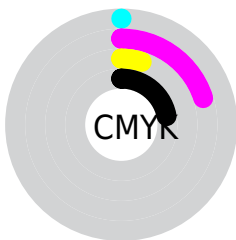
Blue (74%)



Red (78%)

Yellow (62%)

Blue (74%)

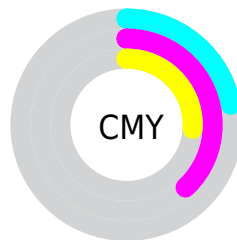


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 159, 188 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 198, 159, 188 by changing the saturation by 10% instead.


 198, 159, 188

255, 255, 255

 255, 214, 244

 255, 242, 255

 198, 159, 188

 171, 133, 161

 144, 107, 135

 118, 83, 109

 93, 59, 85

 69, 37, 62

 46, 16, 40

 28, 0, 20

 0, 0, 0

 198, 159, 188

 198, 159, 188

198, 139, 183

198, 179, 193

198, 119, 178

198, 199, 199

198, 100, 173

198, 214, 218

198, 80, 168

198, 230, 238

198, 60, 163

198, 243, 255

198, 40, 158

198, 240, 255

198, 20, 152

198, 237, 255

198, 1, 147

198, 235, 255

198, 0, 147

198, 233, 255

Harmonies

Analogous

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



177, 165, 203



198, 159, 188



209, 157, 169

Triad

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



198, 159, 188



149, 183, 132



116, 151, 191

Complementary

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



198, 159, 188



159, 190, 198

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.



122, 155, 182



198, 159, 188



138, 176, 153

Square

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



198, 159, 188



200, 186, 136



139, 170, 180



127, 157, 205

Rectangle

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



198, 159, 188



211, 157, 156



139, 170, 180



116, 149, 185

Sweetspot

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



198, 159, 188



255, 240, 251



169, 159, 198



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



198, 159, 188



255, 194, 239



198, 159, 169



99, 90, 97



163, 0, 121



36, 0, 27

Inverse Universe

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



198, 159, 188



255, 194, 239



159, 181, 198



99, 90, 97



163, 0, 121



36, 0, 27

Previews

White Background



This preview shows how the RYB color 198, 159, 188 looks on a white background.

Color Contrast Check

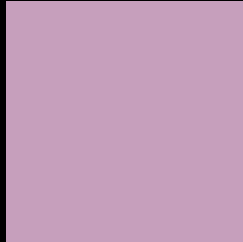
Large Text (above 18pt) WCAG AA × Fail

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 198, 159, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

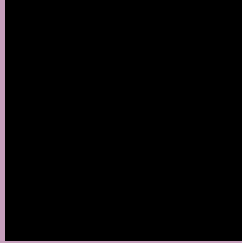
Any Text WCAG AA ✓ Pass

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 198, 159, 188 Background



This preview shows how black text looks on a background with the RYB color 198, 159, 188.

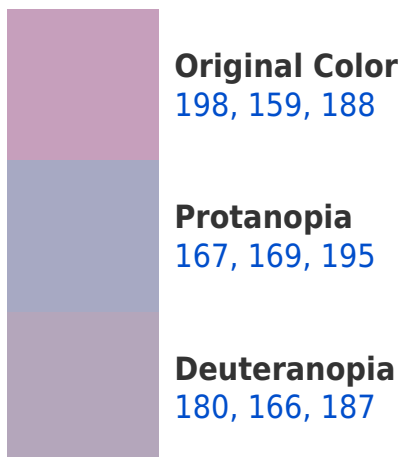



This preview shows how white text looks on a background with the RYB color 198, 159, 188.

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





Tritanopia
196, 161, 174

Trichromacy



Original Color
198, 159, 188

Protanomaly
178, 165, 192

Deuteranomaly
187, 163, 187

Tritanomaly
197, 160, 179

Monochromacy



Original Color
198, 159, 188

Achromatopsia
174, 174, 174

Achromatomaly
183, 169, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 159, 188 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(198, 159, 188)` looks like.

```
.text, #text, p{  
    color:rgb(198, 159, 188)  
}
```

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(198, 159, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 159, 188) }
```

Border

The CSS property to change the border of an element to RYB 198, 159, 188 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(198, 159, 188) }
```

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

```
.border{ border-color:rgb(198, 159, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 159, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 159, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 159, 188);  
box-shadow:4px 4px 4px 4px rgb(198, 159,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 198, 159, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 159, 188) }
```

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

```
.background{ background-color: rgb(198,  
159, 188) }
```

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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