

Converting Colors

`RYB(188, 139, 195)`

Have a look what the booklet for
RYB(188, 139, 195) contains.

RYB(188, 139, 195)	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(188, 139, 195)

Conversions

Conversions Part 1

Format	Color
Hex	BC8BC3
RGB	188, 139, 195
RGB Percent	74%, 55%, 76%
CMY	0.2627, 0.4549, 0.2353
CMYK	0.04, 0.29, 0.00, 0.24
HSL	292°, 32%, 65%
HSV	292°, 29%, 76%
XYZ	39.8220, 33.0967, 55.9192
YIQ	160.0350, 11.2280, 27.8040

Conversions

Conversions Part 2

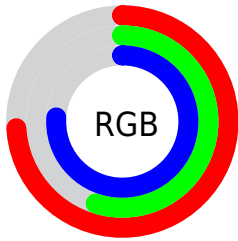
Format	Color
RYB	188, 139, 195
Decimal	12356547
CIELab	64.24, 28.28, -21.82
CIELCh	64, 35.719, 322.346
Yxy	33.0967, 0.3091, 0.2569
Android (android.graphics.Color)	4290546627 (0xFFBC8BC3)
YUV	160.0350, 17.2377, 24.5253
Hunter-Lab	57.5298, 22.8803, -17.3593

Details

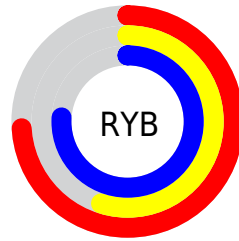
The RYB color **188, 139, 195** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **139, 195, 188**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **245, 193, 252**, and **134, 88, 141** is the 20% darker color. If you saturate the color by 10%, you get **186, 119, 195**, and if you desaturate by 10%, it is **190, 158, 195**.

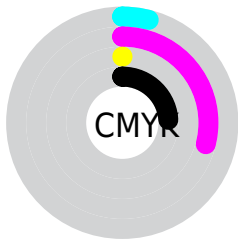
Distribution



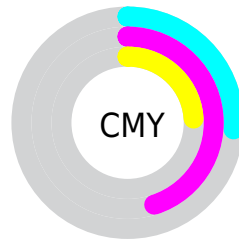
- Red (74%)
- Green (55%)
- Blue (76%)



- Red (74%)
- Yellow (55%)
- Blue (76%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (24%)



- Cyan (26%)
- Magenta (45%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RYB color 188, 139, 195 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 188, 139, 195 by changing the saturation by 10% instead.

 188, 139, 195


255, 255, 255

 245, 193, 252

 255, 221, 255

 255, 250, 255

 188, 139, 195

 161, 113, 168

 134, 88, 141

 108, 64, 116

 83, 41, 91

 59, 18, 67

 37, 0, 45


 0, 0, 23


 0, 0, 0


 188, 139, 195


 188, 139, 195

 186, 119, 195


 190, 158, 195

 183, 100, 195

 193, 178, 195

 181, 80, 195


 195, 197, 197

 178, 61, 195


 195, 217, 214

 176, 41, 195


 195, 236, 231

 173, 22, 195

 195, 255, 247

 171, 2, 195

 195, 255, 245

 171, 0, 195

 195, 255, 243

 195, 255, 240

Harmonies

Analogous

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



147, 150, 215



188, 139, 195



212, 132, 165

Triad

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



188, 139, 195



143, 184, 92



21, 98, 179

Complementary

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



188, 139, 195



139, 195, 188

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.



73, 130, 172



188, 139, 195



96, 161, 105

Square

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



188, 139, 195



207, 157, 106



116, 168, 168



34, 109, 205

Rectangle

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



188, 139, 195



218, 131, 144



116, 168, 168



40, 108, 173

Sweetspot

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



188, 139, 195



250, 230, 252



139, 145, 195



126, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 139, 195



242, 167, 252



195, 139, 174



96, 87, 97



141, 0, 161



29, 0, 33

Inverse Universe

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



195, 139, 146



252, 167, 177



139, 180, 195



97, 87, 88



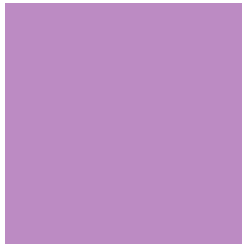
161, 0, 20



33, 0, 4

Previews

White Background



This preview shows how the RYB color 188, 139, 195 looks on a white background.

Color Contrast Check

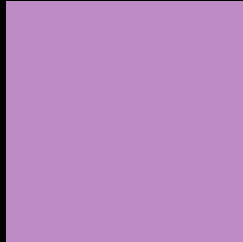
Large Text (above 18pt) WCAG AA × Fail

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 188, 139, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

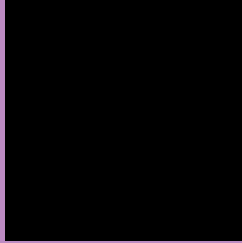
Any Text WCAG AA ✓ Pass

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 188, 139, 195 Background



This preview shows how black text looks on a background with the RYB color 188, 139, 195.



This preview shows how white text looks on a background with the RYB color 188, 139, 195.

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
188, 139, 195

Protanopia
142, 152, 206

Deuteranopia
153, 153, 192



Tritanopia
183, 146, 158

Trichromacy



Original Color
188, 139, 195

Protanomaly
159, 149, 202

Deuteranomaly
166, 148, 193

Tritanomaly
185, 143, 171

Monochromacy



Original Color
188, 139, 195

Achromatopsia
160, 160, 160

Achromatomaly
170, 152, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 139, 195 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(188, 139, 195)` looks like.

```
.text, #text, p{  
    color:rgb(188, 139, 195)  
}
```

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(188, 139, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 139, 195) }
```

Border

The CSS property to change the border of an element to RYB 188, 139, 195 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(188, 139, 195) }
```

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

```
.border{ border-color:rgb(188, 139, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 139, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 139, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 139, 195);  
box-shadow:4px 4px 4px 4px rgb(188, 139,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 188, 139, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 139, 195) }
```

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

```
.background{ background-color: rgb(188,  
139, 195) }
```

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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