

Converting Colors

`RYB(188, 139, 184)`

Have a look what the booklet for
RYB(188, 139, 184) contains.

RYB(188, 139, 184)	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, 184)

Conversions

Conversions Part 1

Format	Color
Hex	BC8BB8
RGB	188, 139, 184
RGB Percent	74%, 55%, 72%
CMY	0.2627, 0.4549, 0.2784
CMYK	0.00, 0.26, 0.02, 0.26
HSL	305°, 27%, 64%
HSV	305°, 26%, 74%
XYZ	38.6234, 32.6173, 49.6075
YIQ	158.7810, 14.7590, 24.3830

Conversions

Conversions Part 2

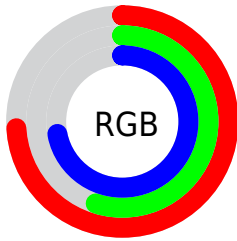
Format	Color
RYB	188, 139, 184
Decimal	12356536
CIELab	63.85, 26.17, -16.22
CIElCh	64, 30.787, 328.200
Yxy	32.6173, 0.3196, 0.2699
Android (android.graphics.Color)	4290546616 (0xFFBC8BB8)
YUV	158.7810, 12.4330, 25.6251
Hunter-Lab	57.1116, 20.7707, -11.5216

Details

The RYB color **188, 139, 184** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **139, 184, 188**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **245, 193, 240**, and **134, 88, 131** is the 20% darker color. If you saturate the color by 10%, you get **188, 120, 182**, and if you desaturate by 10%, it is **188, 158, 186**.

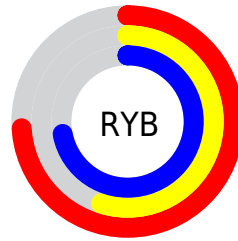
Distribution



Red (74%)

Green (55%)

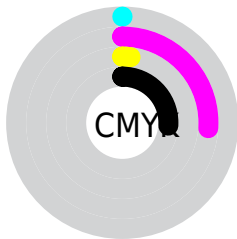
Blue (72%)



Red (74%)

Yellow (55%)

Blue (72%)

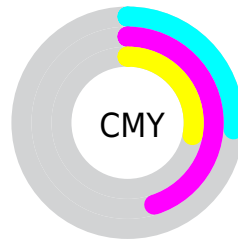


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 139, 184 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, 184 by changing the saturation by 10% instead.

 188, 139, 184


255, 255, 255

 245, 193, 240

 255, 221, 255

 255, 250, 255

 188, 139, 184

 161, 113, 157

 134, 88, 131

 108, 64, 106

 83, 41, 81


 59, 19, 58

 38, 0, 37

 0, 1, 13


 0, 0, 0


 188, 139, 184

 188, 139, 184

 188, 120, 182


 188, 158, 186

 188, 101, 181

 188, 177, 187

 188, 83, 179

 188, 194, 195

 188, 64, 178

 188, 212, 214

 188, 45, 176

 188, 229, 233

 188, 26, 175

 188, 247, 252

 188, 7, 173

 188, 249, 255

 188, 0, 173

 188, 248, 255

 188, 246, 255

Harmonies

Analogous

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



156, 148, 203



188, 139, 184



206, 134, 157

Triad

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



188, 139, 184



133, 175, 100



60, 117, 180

Complementary

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



188, 139, 184



139, 184, 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.



82, 131, 170



188, 139, 184



106, 161, 121

Square

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



188, 139, 184



197, 164, 109



114, 158, 167



74, 127, 201

Rectangle

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



188, 139, 184



209, 134, 139



114, 158, 167



64, 117, 171

Sweetspot

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



188, 139, 184



245, 225, 243



142, 139, 188



122, 110, 121



250, 250, 250



122, 122, 122

Same Dimension

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



188, 139, 184



245, 169, 239



188, 139, 160



94, 85, 94



158, 0, 145



31, 0, 28

Inverse Universe

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



188, 139, 184



245, 169, 239



139, 170, 188



94, 85, 94



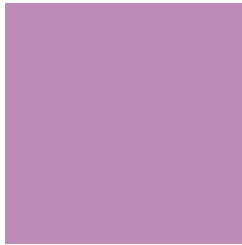
158, 0, 145



31, 0, 28

Previews

White Background



This preview shows how the RYB color 188, 139, 184 looks on a white background.

Color Contrast Check

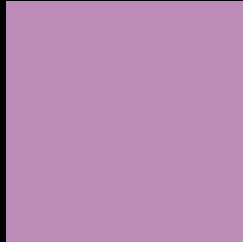
Large Text (above 18pt) WCAG AA × Fail

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, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

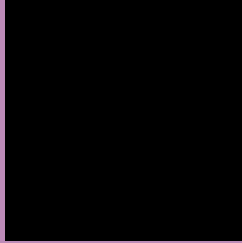
Any Text WCAG AA ✓ Pass

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, 184 Background



This preview shows how black text looks on a background with the RYB color 188, 139, 184.



This preview shows how white text looks on a background with the RYB color 188, 139, 184.

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, 184

Protanopia
145, 152, 194

Deuteranopia
157, 151, 182



Tritanopia
184, 144, 155

Trichromacy



Original Color
188, 139, 184

Protanomaly
161, 148, 190

Deuteranomaly
168, 147, 183

Tritanomaly
185, 142, 166

Monochromacy



Original Color
188, 139, 184

Achromatopsia
159, 159, 159

Achromatomaly
170, 152, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 139, 184 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(188, 139, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 139, 184) }
```

Border

The CSS property to change the border of an element to RYB 188, 139, 184 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, 184) }
```

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

```
.border{ border-color:rgb(188, 139, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 139, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 139, 184);  
box-shadow:4px 4px 4px 4px rgb(188, 139,  
184) }
```

Background

The CSS property to change the background color of an element to RYB 188, 139, 184 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, 184) }
```

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

```
.background{ background-color: rgb(188,  
139, 184) }
```

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