

Converting Colors

`RYB(189, 158, 176)`

Have a look what the booklet for
RYB(189, 158, 176) contains.

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Color

R_YB(189, 158, 176)

Conversions

Conversions Part 1

Format	Color
Hex	BD9EB0
RGB	189, 158, 176
RGB Percent	74%, 62%, 69%
CMY	0.2588, 0.3804, 0.3098
CMYK	0.00, 0.16, 0.07, 0.26
HSL	325°, 19%, 68%
HSV	325°, 16%, 74%
XYZ	41.0496, 38.4071, 46.3241
YIQ	169.3210, 12.6980, 12.1700

Conversions

Conversions Part 2

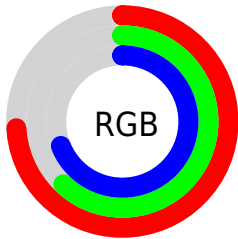
Format	Color
RYB	189, 158, 176
Decimal	12426928
CIELab	68.32, 14.50, -5.04
CIElCh	68, 15.349, 340.817
Yxy	38.4071, 0.3264, 0.3053
Android (android.graphics.Color)	4290617008 (0xFFBD9EB0)
YUV	169.3210, 3.2927, 17.2585
Hunter-Lab	61.9735, 9.7801, -0.9368

Details

The RYB color **189, 158, 176** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **158, 180, 189**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **245, 213, 232**, and **135, 107, 124** is the 20% darker color. If you saturate the color by 10%, you get **189, 139, 168**, and if you desaturate by 10%, it is **189, 177, 184**.

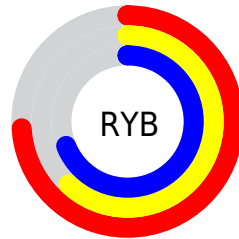
Distribution



Red (74%)

Green (62%)

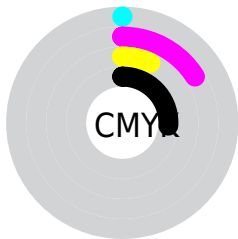
Blue (69%)



Red (74%)

Yellow (62%)

Blue (69%)

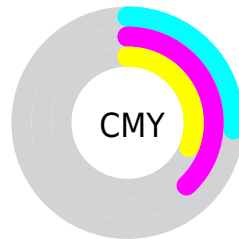


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (26%)



Cyan (26%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 158, 176 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 189, 158, 176 by changing the saturation by 10% instead.


 189, 158, 176

255, 255, 255


 245, 213, 232


 255, 241, 255

 189, 158, 176

 162, 132, 149

 135, 107, 124

 110, 82, 99

 85, 59, 75

 62, 37, 52

 39, 16, 31

 16, 0, 6


 0, 0, 0


 189, 158, 176

 189, 158, 176

 189, 139, 168

 189, 177, 184

 189, 120, 160


 189, 194, 196

 189, 101, 152

 189, 207, 215

 189, 82, 144

 189, 221, 234

 189, 63, 136

 189, 233, 252

 189, 45, 128

 189, 232, 255

 189, 26, 121

 189, 229, 255

 189, 7, 113

 189, 227, 255

 189, 0, 110

 189, 224, 255

Harmonies

Analogous

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



175, 161, 188



189, 158, 176



196, 157, 162

Triad

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



189, 158, 176



145, 172, 139



131, 155, 184

Complementary

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



189, 158, 176



158, 180, 189

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.



132, 155, 175



189, 158, 176



145, 171, 159

Square

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



189, 158, 176



186, 184, 141



142, 164, 174



141, 159, 192

Rectangle

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



189, 158, 176



196, 159, 153



142, 164, 174



130, 153, 180

Sweetspot

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



189, 158, 176



245, 233, 240



171, 158, 189



122, 115, 119



250, 250, 250



122, 122, 122

Same Dimension

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



189, 158, 176



245, 196, 224



189, 158, 161



94, 85, 90



158, 0, 92



31, 0, 18

Inverse Universe

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



189, 158, 176



245, 196, 224



158, 174, 189



94, 85, 90



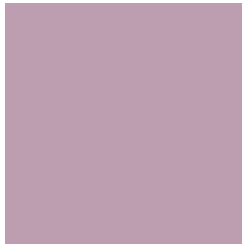
158, 0, 92



31, 0, 18

Previews

White Background



This preview shows how the RYB color 189, 158, 176 looks on a white background.

Color Contrast Check

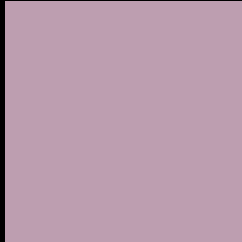
Large Text (above 18pt) WCAG AA × Fail

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 189, 158, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

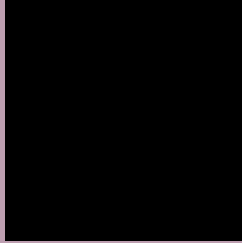
Any Text WCAG AA ✓ Pass

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 189, 158, 176 Background



This preview shows how black text looks on a background with the RYB color 189, 158, 176.



This preview shows how white text looks on a background with the RYB color 189, 158, 176.

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
189, 158, 176

Protanopia
166, 166, 181

Deuteranopia
179, 162, 175



Tritanopia
188, 159, 171

Trichromacy



Original Color

189, 158, 176

Protanomaly

174, 163, 179

Deuteranomaly

183, 161, 175

Tritanomaly

188, 159, 173

Monochromacy



Original Color

189, 158, 176

Achromatopsia

169, 169, 169

Achromatomaly

176, 165, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 158, 176 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(189, 158, 176) looks like.

```
.text, #text, p{  
    color:rgb(189, 158, 176)  
}
```

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(189, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 158, 176) }
```

Border

The CSS property to change the border of an element to RYB 189, 158, 176 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(189, 158, 176) }
```

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

```
.border{ border-color:rgb(189, 158, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 158, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(189, 158,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 189, 158, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 158, 176) }
```

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

```
.background{ background-color: rgb(189,  
158, 176) }
```

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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