

Converting Colors

`RYB(176, 131, 172)`

Have a look what the booklet for RYB(176, 131, 172) contains.

RYB(176, 131, 172)	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(176, 131, 172)

Conversions

Conversions Part 1

Format	Color
Hex	B083AC
RGB	176, 131, 172
RGB Percent	69%, 51%, 67%
CMY	0.3098, 0.4863, 0.3255
CMYK	0.00, 0.26, 0.02, 0.31
HSL	305°, 22%, 60%
HSV	305°, 26%, 69%
XYZ	33.4672, 28.4413, 42.7555
YIQ	149.1290, 13.6590, 22.2910

Conversions

Conversions Part 2

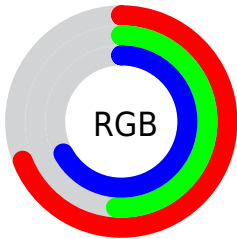
Format	Color
RYB	176, 131, 172
Decimal	11568044
CIELab	60.29, 24.26, -14.93
CIELCh	60, 28.483, 328.388
Yxy	28.4413, 0.3198, 0.2717
Android (android.graphics.Color)	4289758124 (0xFFB083AC)
YUV	149.1290, 11.2754, 23.5659
Hunter-Lab	53.3304, 18.6887, -10.2022

Details

The RYB color **176, 131, 172** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **131, 172, 176**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **232, 184, 227**, and **123, 81, 120** is the 20% darker color. If you saturate the color by 10%, you get **176, 113, 170**, and if you desaturate by 10%, it is **176, 149, 174**.

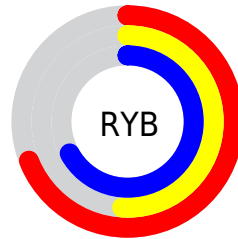
Distribution



Red (69%)

Green (51%)

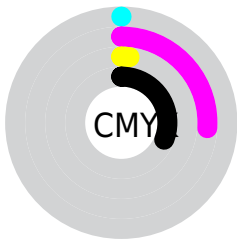
Blue (67%)



Red (69%)

Yellow (51%)

Blue (67%)

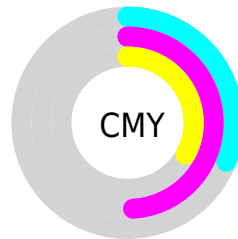


Cyan (0%)

Magenta (26%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 176, 131, 172 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 176, 131, 172 by changing the saturation by 10% instead.

 176, 131, 172

255, 255, 255

 232, 184, 227

 255, 212, 255

 255, 241, 255


 176, 131, 172

 149, 106, 145

 123, 81, 120

 97, 57, 95

 73, 35, 71

 50, 13, 49

 32, 0, 28


 0, 0, 0

 176, 131, 172


 176, 113, 170

 176, 131, 172


 176, 149, 174


 176, 96, 169

 176, 166, 175

 176, 78, 167


 176, 183, 184

 176, 61, 166

 176, 199, 201

 176, 43, 164

 176, 215, 219

 176, 25, 163

 176, 232, 237

 176, 8, 161

 176, 248, 254

 176, 0, 160

 176, 247, 255

 176, 246, 255

Harmonies

Analogous

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



147, 139, 189



176, 131, 172



192, 127, 148

Triad

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



176, 131, 172



125, 164, 95



61, 112, 168

Complementary

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



176, 131, 172



131, 172, 176

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.



79, 123, 159



176, 131, 172



101, 151, 114

Square

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



176, 131, 172



184, 156, 103



108, 148, 156



74, 121, 187

Rectangle

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



176, 131, 172



195, 127, 131



108, 148, 156



64, 112, 160

Sweetspot

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



176, 131, 172



230, 211, 228



135, 131, 176



115, 103, 114



242, 242, 242



115, 115, 115

Same Dimension

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



176, 131, 172



230, 158, 223



176, 131, 150



89, 80, 88



153, 0, 139



26, 0, 23

Inverse Universe

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



176, 131, 172



230, 158, 223



131, 160, 176



89, 80, 88



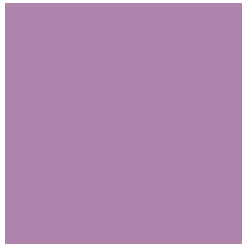
153, 0, 139



26, 0, 23

Previews

White Background



This preview shows how the RYB color 176, 131, 172 looks on a white background.

Color Contrast Check

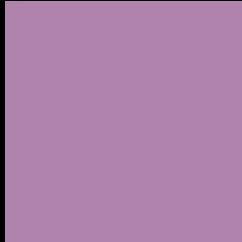
Large Text (above 18pt) WCAG AA ✓ Pass

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 176, 131, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

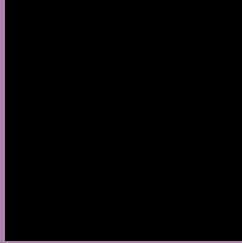
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 176, 131, 172 Background



This preview shows how black text looks on a background with the RYB color 176, 131, 172.



This preview shows how white text looks on a background with the RYB color 176, 131, 172.

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
176, 131, 172

Protanopia
137, 143, 181

Deuteranopia
148, 142, 170



Tritanopia
173, 136, 146

Trichromacy



Original Color
176, 131, 172

Protanomaly
151, 139, 178

Deuteranomaly
158, 138, 171

Tritanomaly
174, 134, 155

Monochromacy



Original Color
176, 131, 172

Achromatopsia
149, 149, 149

Achromatomaly
159, 142, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 131, 172 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(176, 131, 172) looks like.

```
.text, #text, p{  
    color:rgb(176, 131, 172)  
}
```

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(176, 131, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 131, 172) }
```

Border

The CSS property to change the border of an element to RYB 176, 131, 172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

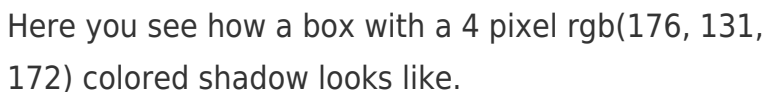
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 131, 172) }
```

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

```
.border{ border-color:rgb(176, 131, 172) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 131, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 131, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 131, 172); box-shadow:4px 4px 4px 4px rgb(176, 131, 172) }
```

Background

The CSS property to change the background color of an element to RYB 176, 131, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 131, 172) }
```

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

```
.background{ background-color: rgb(176,  
131, 172) }
```

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