

Converting Colors

`RYB(176, 130, 168)`

Have a look what the booklet for
RYB(176, 130, 168) contains.

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Color

R_YB(176, 130, 168)

Conversions

Conversions Part 1

Format	Color
Hex	B082A8
RGB	176, 130, 168
RGB Percent	69%, 51%, 66%
CMY	0.3098, 0.4902, 0.3412
CMYK	0.00, 0.26, 0.05, 0.31
HSL	310°, 23%, 60%
HSV	310°, 26%, 69%
XYZ	32.9550, 28.0225, 40.7178
YIQ	148.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

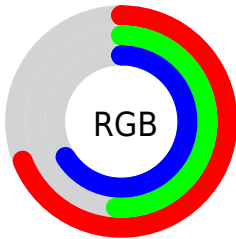
Format	Color
RYB	176, 130, 168
Decimal	11567784
CIELab	59.91, 24.07, -13.21
CIELCh	60, 27.456, 331.232
Yxy	28.0225, 0.3241, 0.2756
Android (android.graphics.Color)	4289757864 (0xFFB082A8)
YUV	148.0860, 9.8176, 24.4806
Hunter-Lab	52.9363, 18.4850, -8.5495

Details

The RYB color **176, 130, 168** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **130, 169, 176**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **232, 183, 223**, and **123, 80, 116** is the 20% darker color. If you saturate the color by 10%, you get **176, 112, 165**, and if you desaturate by 10%, it is **176, 148, 171**.

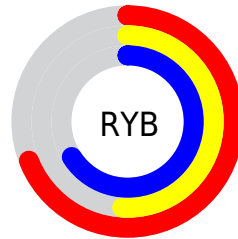
Distribution



Red (69%)

Green (51%)

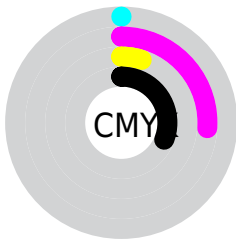
Blue (66%)



Red (69%)

Yellow (51%)

Blue (66%)

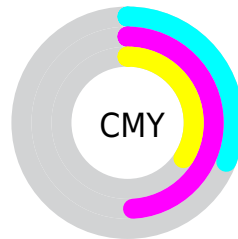


Cyan (0%)

Magenta (26%)

Yellow (5%)

Black (31%)



Cyan (31%)

Magenta (49%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the RYB color 176, 130, 168 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, 130, 168 by changing the saturation by 10% instead.


 176, 130, 168

255, 255, 255

 232, 183, 223

 255, 211, 252


 255, 240, 255

 176, 130, 168

 149, 105, 142

 123, 80, 116

 97, 56, 91

 73, 34, 68

 50, 12, 45


 32, 0, 25

 0, 0, 0

 176, 130, 168

 176, 112, 165

 176, 130, 168

 176, 148, 171

176, 95, 162

176, 165, 174

176, 77, 159

176, 182, 183

176, 60, 156

176, 197, 200

176, 42, 153

176, 212, 218

176, 24, 150

176, 227, 236

176, 7, 147

176, 242, 253

176, 0, 145

176, 242, 255

176, 239, 255

Harmonies

Analogous

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



149, 138, 186



176, 130, 168



191, 126, 144

Triad

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



176, 130, 168



119, 160, 96



65, 114, 169

Complementary

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



176, 130, 168



130, 169, 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, 122, 158



176, 130, 168



102, 150, 117

Square

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



176, 130, 168



180, 158, 103



106, 144, 155



80, 123, 186

Rectangle

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



176, 130, 168



193, 127, 128



106, 144, 155



67, 113, 161

Sweetspot

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



176, 130, 168



230, 211, 226



138, 130, 176



115, 103, 113



242, 242, 242



115, 115, 115

Same Dimension

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



176, 130, 168



230, 158, 217



176, 130, 145



89, 80, 88



153, 0, 126



26, 0, 21

Inverse Universe

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



176, 130, 168



230, 158, 217



130, 157, 176



89, 80, 88



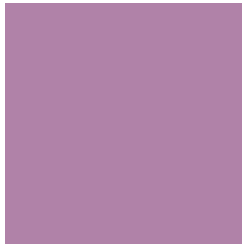
153, 0, 126



26, 0, 21

Previews

White Background



This preview shows how the RYB color 176, 130, 168 looks on a white background.

Color Contrast Check

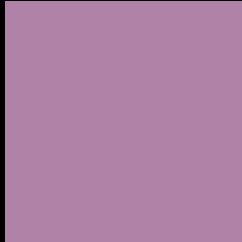
Large Text (above 18pt) WCAG AA ✓ Pass

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, 130, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

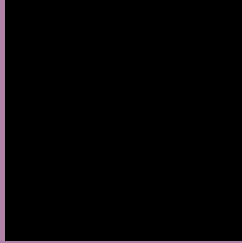
Any Text WCAG AA ✓ Pass

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, 130, 168 Background



This preview shows how black text looks on a background with the RYB color 176, 130, 168.



This preview shows how white text looks on a background with the RYB color 176, 130, 168.

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, 130, 168

Protanopia
137, 142, 177

Deuteranopia
149, 141, 166



Tritanopia

173, 134, 145

Trichromacy



Original Color
176, 130, 168

Protanomaly
151, 138, 174

Deuteranomaly
159, 137, 167

Tritanomaly
174, 133, 153

Monochromacy



Original Color
176, 130, 168

Achromatopsia
148, 148, 148

Achromatomaly
158, 141, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 176, 130, 168 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, 130, 168)` looks like.

```
.text, #text, p{  
    color:rgb(176, 130, 168)  
}
```

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, 130, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 130, 168) }
```

Border

The CSS property to change the border of an element to RYB 176, 130, 168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

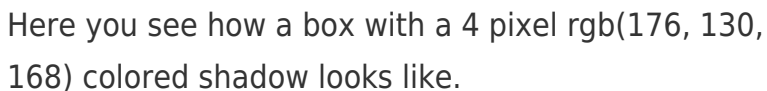
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 130, 168) }
```

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

```
.border{ border-color:rgb(176, 130, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 130, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 130, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 130, 168); box-shadow:4px 4px 4px 4px rgb(176, 130, 168) }
```

Background

The CSS property to change the background color of an element to RYB 176, 130, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 130, 168) }
```

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

```
.background{ background-color: rgb(176,  
130, 168) }
```

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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