

Converting Colors

`RYB(181, 130, 172)`

Have a look what the booklet for RYB(181, 130, 172) contains.

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Color

R_YB(181, 130, 172)

Conversions

Conversions Part 1

Format	Color
Hex	B582AC
RGB	181, 130, 172
RGB Percent	71%, 51%, 67%
CMY	0.2902, 0.4902, 0.3255
CMYK	0.00, 0.28, 0.05, 0.29
HSL	311°, 26%, 61%
HSV	311°, 28%, 71%
XYZ	34.4851, 28.7676, 42.7649
YIQ	150.0370, 16.9140, 23.8740

Conversions

Conversions Part 2

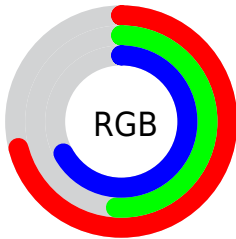
Format	Color
RYB	181, 130, 172
Decimal	11895468
CIELab	60.58, 26.55, -14.44
CIElCh	61, 30.220, 331.458
Yxy	28.7676, 0.3253, 0.2713
Android (android.graphics.Color)	4290085548 (0xFFB582AC)
YUV	150.0370, 10.8278, 27.1546
Hunter-Lab	53.6354, 20.9052, -9.7286

Details

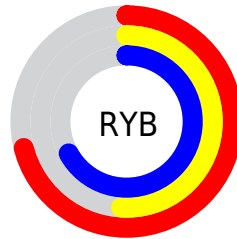
The RYB color **181, 130, 172** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **130, 173, 181**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **237, 183, 227**, and **127, 80, 120** is the 20% darker color. If you saturate the color by 10%, you get **181, 112, 169**, and if you desaturate by 10%, it is **181, 148, 175**.

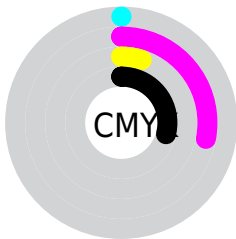
Distribution



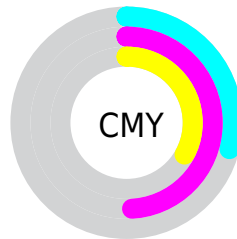
- Red (71%)
- Green (51%)
- Blue (67%)



- Red (71%)
- Yellow (51%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)
- Black (29%)




- Cyan (29%)
- Magenta (49%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RYB color 181, 130, 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 181, 130, 172 by changing the saturation by 10% instead.


 181, 130, 172


255, 255, 255

 237, 183, 227

 255, 211, 255

 255, 240, 255

 181, 130, 172

 154, 104, 145

 127, 80, 120

 102, 56, 95

 77, 33, 71


 53, 10, 49


 35, 0, 28

 0, 0, 0

 181, 130, 172

 181, 112, 169

 181, 130, 172

 181, 148, 175

181, 94, 166

181, 166, 178

181, 76, 162

181, 183, 184

181, 58, 159

181, 199, 202

181, 39, 156

181, 215, 221

181, 21, 153

181, 230, 239

181, 3, 150

181, 244, 255

181, 0, 149

181, 241, 255

181, 239, 255

Harmonies

Analogous

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



151, 139, 192



181, 130, 172



197, 126, 146

Triad

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



181, 130, 172



117, 163, 93



51, 109, 173

Complementary

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



181, 130, 172



130, 173, 181

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.



71, 120, 161



181, 130, 172



100, 153, 118

Square

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



181, 130, 172



185, 162, 100



103, 145, 158



70, 120, 192

Rectangle

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



181, 130, 172



199, 127, 128



103, 145, 158



54, 108, 165

Sweetspot

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



181, 130, 172



235, 216, 231



138, 130, 181



117, 106, 115



245, 245, 245



117, 117, 117

Same Dimension

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



181, 130, 172



235, 155, 221



181, 130, 147



89, 80, 88



153, 0, 126



26, 0, 21

Inverse Universe

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



181, 130, 172



235, 155, 221



130, 161, 181



89, 80, 88



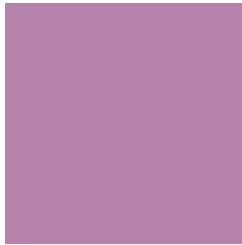
153, 0, 126



26, 0, 21

Previews

White Background



This preview shows how the RYB color 181, 130, 172 looks on a white background.

Color Contrast Check

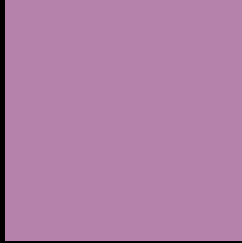
Large Text (above 18pt) WCAG AA ✓ Pass

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 181, 130, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

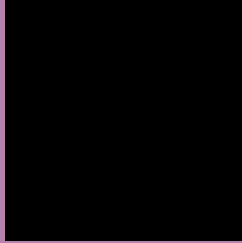
Any Text WCAG AA ✓ Pass

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 181, 130, 172 Background



This preview shows how black text looks on a background with the RYB color 181, 130, 172.



This preview shows how white text looks on a background with the RYB color 181, 130, 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
181, 130, 172

Protanopia
137, 144, 182

Deuteranopia
149, 143, 170



Tritanopia
178, 135, 145

Trichromacy



Original Color
181, 130, 172

Protanomaly
153, 140, 178

Deuteranomaly
161, 138, 171

Tritanomaly
179, 133, 155

Monochromacy



Original Color
181, 130, 172

Achromatopsia
150, 150, 150

Achromatomaly
161, 143, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 130, 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(181, 130, 172)` looks like.

```
.text, #text, p{  
    color:rgb(181, 130, 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(181, 130, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 130, 172) }
```

Border

The CSS property to change the border of an element to RYB 181, 130, 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(181, 130, 172) }
```

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

```
.border{ border-color:rgb(181, 130, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 130, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 130, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 130, 172);  
box-shadow:4px 4px 4px 4px rgb(181, 130,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 181, 130, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 130, 172) }
```

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

```
.background{ background-color: rgb(181,  
130, 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](#).

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