

Converting Colors

`RYB(178, 140, 186)`

Have a look what the booklet for RYB(178, 140, 186) contains.

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Color

R_YB(178, 140, 186)

Conversions

Conversions Part 1

Format	Color
Hex	B28CBA
RGB	178, 140, 186
RGB Percent	70%, 55%, 73%
CMY	0.3020, 0.4510, 0.2706
CMYK	0.04, 0.25, 0.00, 0.27
HSL	290°, 25%, 64%
HSV	290°, 25%, 73%
XYZ	36.6011, 31.7663, 50.6568
YIQ	156.6060, 7.8820, 22.3620

Conversions

Conversions Part 2

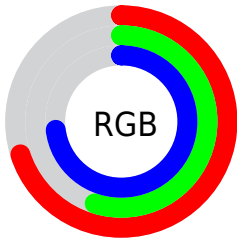
Format	Color
R _Y B	178, 140, 186
Decimal	11701434
CIE Lab	63.15, 22.61, -18.51
CIE LCh	63, 29.216, 320.690
Yxy	31.7663, 0.3075, 0.2669
Android (android.graphics.Color)	4289891514 (0xFFB28CBA)
YUV	156.6060, 14.4912, 18.7625
Hunter-Lab	56.3616, 17.2847, -13.8356

Details

The RYB color **178, 140, 186** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **140, 186, 178**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **234, 194, 242**, and **125, 89, 133** is the 20% darker color. If you saturate the color by 10%, you get **175, 121, 186**, and if you desaturate by 10%, it is **181, 159, 186**.

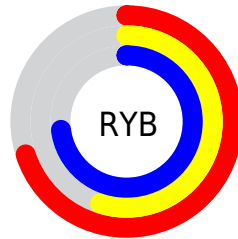
Distribution



Red (70%)

Green (55%)

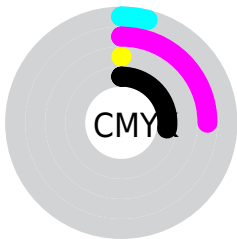
Blue (73%)



Red (70%)

Yellow (55%)

Blue (73%)

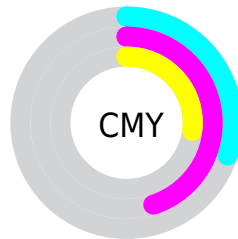


Cyan (4%)

Magenta (25%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (45%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the RYB color 178, 140, 186 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 178, 140, 186 by changing the saturation by 10% instead.

 178, 140, 186


255, 255, 255

 234, 194, 242

 255, 222, 255

 255, 251, 255

 178, 140, 186

 151, 114, 159

 125, 89, 133

 99, 66, 107

 75, 43, 83


 52, 21, 60

 31, 0, 38

 0, 1, 15

 0, 0, 0

 178, 140, 186

 178, 140, 186

175, 121, 186

181, 159, 186

172, 103, 186

184, 177, 186

168, 84, 186

186, 196, 194

165, 66, 186

186, 214, 209

162, 47, 186

186, 233, 225

159, 28, 186

186, 252, 241

155, 10, 186

186, 255, 240

154, 0, 186

186, 255, 237

186, 255, 234

Harmonies

Analogous

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



145, 149, 201



178, 140, 186



199, 134, 162

Triad

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



178, 140, 186



152, 178, 102



69, 119, 170

Complementary

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



178, 140, 186



140, 186, 178

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.



92, 136, 167



178, 140, 186



104, 157, 109

Square

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



178, 140, 186



197, 152, 114



119, 163, 159



73, 125, 192

Rectangle

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



178, 140, 186



204, 133, 144



119, 163, 159



75, 122, 167

Sweetspot

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



178, 140, 186



239, 225, 242



140, 147, 186



121, 113, 122



250, 250, 250



122, 122, 122

Same Dimension

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



178, 140, 186



230, 170, 242



186, 140, 171



90, 83, 92



128, 0, 156



23, 0, 28

Inverse Universe

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



186, 140, 148



242, 170, 182



140, 175, 186



92, 83, 84



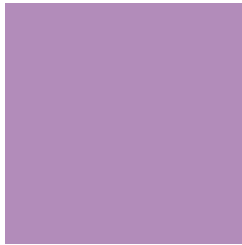
156, 0, 27



28, 0, 5

Previews

White Background



This preview shows how the RYB color 178, 140, 186 looks on a white background.

Color Contrast Check

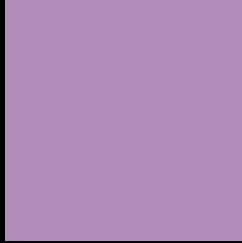
Large Text (above 18pt) WCAG AA × Fail

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 178, 140, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

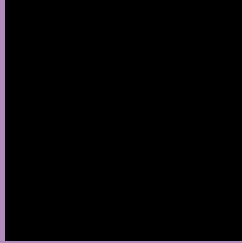
Any Text WCAG AA ✓ Pass

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 178, 140, 186 Background



This preview shows how black text looks on a background with the RYB color 178, 140, 186.

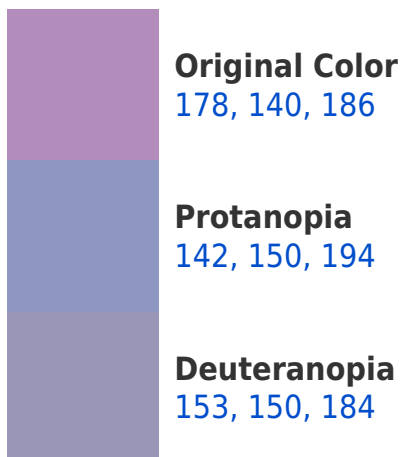



This preview shows how white text looks on a background with the RYB color 178, 140, 186.

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





Tritanopia

174, 145, 157

Trichromacy



Original Color
178, 140, 186

Protanomaly
155, 147, 191

Deuteranomaly
162, 146, 185

Tritanomaly
175, 143, 168

Monochromacy



Original Color
178, 140, 186

Achromatopsia
157, 157, 157

Achromatomaly
165, 151, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 140, 186 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(178, 140, 186)` looks like.

```
.text, #text, p{  
    color:rgb(178, 140, 186)  
}
```

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(178, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 140, 186) }
```

Border

The CSS property to change the border of an element to RYB 178, 140, 186 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(178, 140, 186) }
```

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

```
.border{ border-color:rgb(178, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 140, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 140, 186);  
box-shadow:4px 4px 4px 4px rgb(178, 140,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 178, 140, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 140, 186) }
```

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

```
.background{ background-color: rgb(178,  
140, 186) }
```

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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