

Converting Colors

`RYB(178, 134, 179)`

Have a look what the booklet for RYB(178, 134, 179) contains.

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Color

R_YB(178, 134, 179)

Conversions

Conversions Part 1

Format	Color
Hex	B286B3
RGB	178, 134, 179
RGB Percent	70%, 53%, 70%
CMY	0.3020, 0.4745, 0.2980
CMYK	0.01, 0.25, 0.00, 0.30
HSL	299°, 23%, 61%
HSV	299°, 25%, 70%
XYZ	35.0219, 29.7698, 46.5481
YIQ	152.2860, 11.7790, 23.3230

Conversions

Conversions Part 2

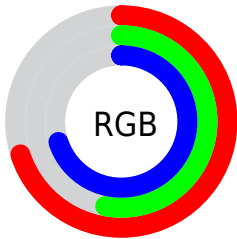
Format	Color
R_{YB}	178, 134, 179
Decimal	11699891
CIE _{Lab}	61.46, 24.60, -17.12
CIE _{LCh}	61, 29.970, 325.161
Yxy	29.7698, 0.3145, 0.2674
Android (android.graphics.Color)	4289889971 (0xFFB286B3)
YUV	152.2860, 13.1700, 22.5512
Hunter-Lab	54.5617, 19.0918, -12.3887

Details

The RYB color **178, 134, 179** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **134, 179, 178**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **234, 188, 235**, and **125, 84, 126** is the 20% darker color. If you saturate the color by 10%, you get **178, 116, 179**, and if you desaturate by 10%, it is **178, 152, 179**.

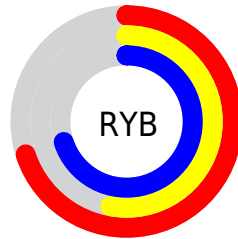
Distribution



Red (70%)

Green (53%)

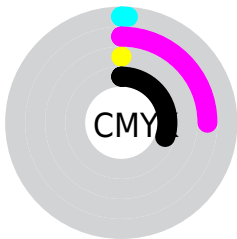
Blue (70%)



Red (70%)

Yellow (53%)

Blue (70%)

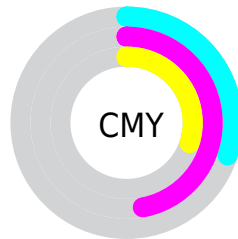


Cyan (1%)

Magenta (25%)

Yellow (0%)

Black (30%)



Cyan (30%)

Magenta (47%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the RYB color 178, 134, 179 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, 134, 179 by changing the saturation by 10% instead.

 178, 134, 179


255, 255, 255

 234, 188, 235

 255, 215, 255

 255, 244, 255


 178, 134, 179

 151, 108, 152

 125, 84, 126

 99, 60, 101

 75, 37, 77

 51, 15, 54

 32, 0, 33

 0, 0, 6

 0, 0, 0

 178, 134, 179

 178, 134, 179

■ 178, 116, 179

■ 178, 152, 179

■ 177, 98, 179

■ 179, 170, 179

■ 177, 80, 179

■ 179, 188, 188

■ 176, 62, 179

■ 179, 206, 205

■ 176, 45, 179

■ 179, 223, 222

■ 176, 27, 179

■ 179, 241, 240

■ 175, 9, 179

■ 179, 255, 253

■ 175, 0, 179

■ 179, 255, 252

Harmonies

Analogous

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



146, 143, 196



178, 134, 179



197, 129, 154

Triad

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



178, 134, 179



136, 171, 96



57, 111, 170

Complementary

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



178, 134, 179



134, 179, 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.



81, 128, 163



178, 134, 179



100, 154, 111

Square

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



178, 134, 179



191, 152, 106



113, 156, 160



68, 120, 191

Rectangle

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



178, 134, 179



201, 129, 136



113, 156, 160



63, 114, 163

Sweetspot

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



178, 134, 179



232, 213, 232



134, 136, 179



117, 106, 117



245, 245, 245



117, 117, 117

Same Dimension

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



178, 134, 179



231, 162, 232



179, 134, 158



89, 80, 89



150, 0, 153



25, 0, 26

Inverse Universe

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



179, 134, 135



232, 162, 164



134, 165, 179



89, 80, 81



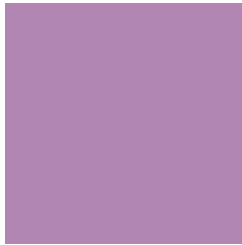
153, 0, 3



26, 0, 1

Previews

White Background



This preview shows how the RYB color 178, 134, 179 looks on a white background.

Color Contrast Check

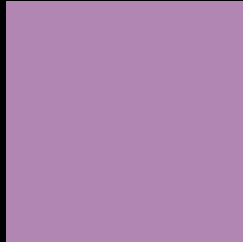
Large Text (above 18pt) WCAG AA ✓ Pass

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 178, 134, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

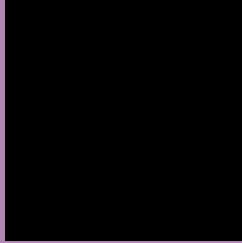
Any Text WCAG AA ✓ Pass

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 178, 134, 179 Background



This preview shows how black text looks on a background with the RYB color 178, 134, 179.

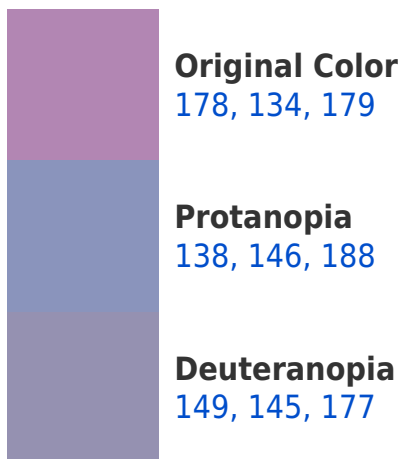


This preview shows how white text looks on a background with the RYB color 178, 134, 179.

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, 139, 150

Trichromacy



Original Color
178, 134, 179

Protanomaly
153, 142, 185

Deuteranomaly
160, 141, 178

Tritanomaly
175, 137, 161

Monochromacy



Original Color
178, 134, 179

Achromatopsia
152, 152, 152

Achromatomaly
161, 145, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 134, 179 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, 134, 179)` looks like.

```
.text, #text, p{  
    color:rgb(178, 134, 179)  
}
```

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, 134, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 134, 179) }
```

Border

The CSS property to change the border of an element to RYB 178, 134, 179 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, 134, 179) }
```

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

```
.border{ border-color:rgb(178, 134, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 134, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 134, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 134, 179);  
box-shadow:4px 4px 4px 4px rgb(178, 134,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 178, 134, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 134, 179) }
```

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

```
.background{ background-color: rgb(178,  
134, 179) }
```

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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