

Converting Colors

`RYB(185, 135, 178)`

Have a look what the booklet for
RYB(185, 135, 178) contains.

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Color

$\text{RYB}(185, 135, 178)$

Conversions

Conversions Part 1

Format	Color
Hex	B987B2
RGB	185, 135, 178
RGB Percent	73%, 53%, 70%
CMY	0.2745, 0.4706, 0.3020
CMYK	0.00, 0.27, 0.04, 0.27
HSL	308°, 26%, 63%
HSV	308°, 27%, 73%
XYZ	36.7074, 30.8566, 46.1407
YIQ	154.8520, 15.9970, 23.9730

Conversions

Conversions Part 2

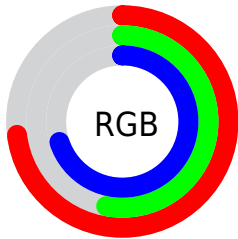
Format	Color
RYB	185, 135, 178
Decimal	12158898
CIELab	62.39, 26.25, -15.07
CIELCh	62, 30.267, 330.128
Yxy	30.8566, 0.3228, 0.2714
Android (android.graphics.Color)	4290348978 (0xFFB987B2)
YUV	154.8520, 11.4120, 26.4398
Hunter-Lab	55.5487, 20.7453, -10.3643

Details

The RYB color **185, 135, 178** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **135, 179, 185**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **242, 189, 234**, and **131, 85, 125** is the 20% darker color. If you saturate the color by 10%, you get **185, 117, 175**, and if you desaturate by 10%, it is **185, 154, 181**.

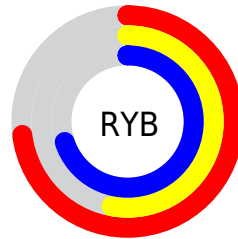
Distribution



Red (73%)

Green (53%)

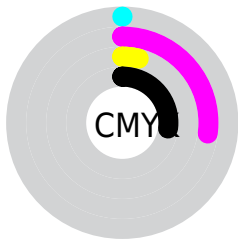
Blue (70%)



Red (73%)

Yellow (53%)

Blue (70%)

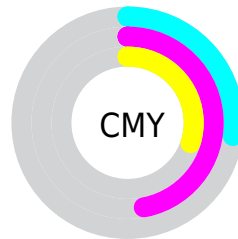


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 135, 178 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 185, 135, 178 by changing the saturation by 10% instead.

 185, 135, 178

255, 255, 255


 242, 189, 234

 255, 217, 255


 255, 245, 255

 185, 135, 178

 158, 109, 151

 131, 85, 125

 105, 61, 100

 81, 38, 76

 57, 15, 53

 36, 0, 32

 0, 0, 5

 0, 0, 0

 185, 135, 178

 185, 135, 178

 185, 117, 175

 185, 154, 181

 185, 98, 173

 185, 172, 183

 185, 80, 170

 185, 189, 190

 185, 61, 168

 185, 206, 209

 185, 43, 165

 185, 223, 228

 185, 24, 162

 185, 238, 246

 185, 5, 160

 185, 245, 255

 185, 0, 159

 185, 243, 255

 185, 242, 255

Harmonies

Analogous

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



154, 144, 197



185, 135, 178



202, 131, 152

Triad

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



185, 135, 178



125, 169, 97



57, 114, 177

Complementary

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



185, 135, 178



135, 179, 185

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.



77, 125, 165



185, 135, 178



104, 157, 120

Square

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



185, 135, 178



191, 164, 105



109, 152, 163



74, 125, 197

Rectangle

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



185, 135, 178



204, 131, 134



109, 152, 163



61, 114, 168

Sweetspot

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



185, 135, 178



240, 221, 237



142, 135, 185



120, 108, 118



247, 247, 247



120, 120, 120

Same Dimension

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



185, 135, 178



240, 163, 229



185, 135, 153



92, 83, 91



156, 0, 134



28, 0, 24

Inverse Universe

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



185, 135, 178



240, 163, 229



135, 165, 185



92, 83, 91



156, 0, 134



28, 0, 24

Previews

White Background



This preview shows how the RYB color 185, 135, 178 looks on a white background.

Color Contrast Check

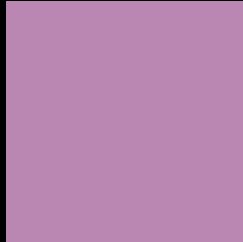
Large Text (above 18pt) WCAG AA × Fail

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 185, 135, 178 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 185, 135, 178 Background



This preview shows how black text looks on a background with the RYB color 185, 135, 178.

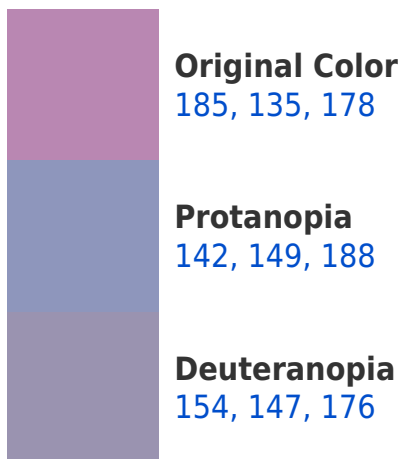



This preview shows how white text looks on a background with the RYB color 185, 135, 178.

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
181, 140, 151

Trichromacy



Original Color
185, 135, 178

Protanomaly
158, 145, 184

Deuteranomaly
165, 143, 177

Tritanomaly
182, 138, 161

Monochromacy



Original Color
185, 135, 178

Achromatopsia
155, 155, 155

Achromatomaly
166, 148, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 135, 178 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(185, 135, 178)` looks like.

```
.text, #text, p{  
    color:rgb(185, 135, 178)  
}
```

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(185, 135, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 135, 178) }
```

Border

The CSS property to change the border of an element to RYB 185, 135, 178 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(185, 135, 178) }
```

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

```
.border{ border-color:rgb(185, 135, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 135, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 135, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 135, 178);  
box-shadow:4px 4px 4px 4px rgb(185, 135,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 185, 135, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 135, 178) }
```

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

```
.background{ background-color: rgb(185,  
135, 178) }
```

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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