

Converting Colors

`RYB(176, 137, 173)`

Have a look what the booklet for
RYB(176, 137, 173) contains.

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Color

R_YB(176, 137, 173)

Conversions

Conversions Part 1

Format	Color
Hex	B089AD
RGB	176, 137, 173
RGB Percent	69%, 54%, 68%
CMY	0.3098, 0.4627, 0.3216
CMYK	0.00, 0.22, 0.02, 0.31
HSL	305°, 20%, 61%
HSV	305°, 22%, 69%
XYZ	34.3930, 30.1386, 43.5398
YIQ	152.7650, 11.6880, 19.4640

Conversions

Conversions Part 2

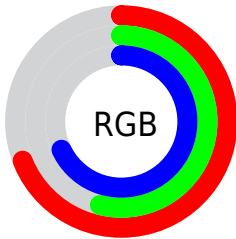
Format	Color
R_{YB}	176, 137, 173
Decimal	11569581
CIE _{Lab}	61.77, 21.07, -13.25
CIE _{LCh}	62, 24.890, 327.826
Yxy	30.1386, 0.3182, 0.2789
Android (android.graphics.Color)	4289759661 (0xFFB089AD)
YUV	152.7650, 9.9759, 20.3771
Hunter-Lab	54.8986, 15.7545, -8.5936

Details

The RYB color **176, 137, 173** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **137, 173, 176**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **232, 191, 228**, and **123, 87, 121** is the 20% darker color. If you saturate the color by 10%, you get **176, 119, 172**, and if you desaturate by 10%, it is **176, 155, 174**.

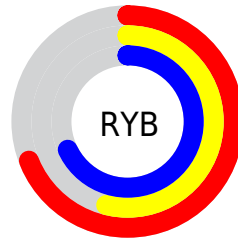
Distribution



Red (69%)

Green (54%)

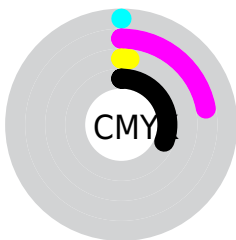
Blue (68%)



Red (69%)

Yellow (54%)

Blue (68%)

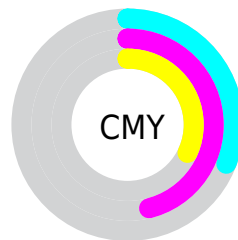


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (46%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the RYB color 176, 137, 173 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, 137, 173 by changing the saturation by 10% instead.


 176, 137, 173

255, 255, 255

 232, 191, 228

 255, 219, 255

 255, 247, 255

 176, 137, 173

 149, 111, 146

 123, 87, 121

 98, 63, 96

 73, 40, 72


 50, 19, 49

 31, 0, 29

 0, 0, 0

 176, 137, 173

 176, 119, 172

 176, 137, 173


 176, 155, 174

 176, 102, 170

 176, 172, 176

 176, 84, 169


 176, 189, 190

 176, 67, 168


 176, 205, 207

 176, 49, 166

 176, 221, 225

 176, 31, 165

 176, 238, 243

 176, 14, 164

 176, 249, 255

 176, 0, 162

 176, 248, 255

 176, 247, 255

Harmonies

Analogous

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



150, 144, 188



176, 137, 173



191, 133, 152

Triad

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



176, 137, 173



135, 167, 105



82, 123, 169

Complementary

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



176, 137, 173



137, 173, 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.



94, 131, 161



176, 137, 173



110, 154, 121

Square

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



176, 137, 173



184, 157, 113



118, 153, 159



91, 130, 186

Rectangle

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



176, 137, 173



194, 133, 137



118, 153, 159



84, 123, 162

Sweetspot

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



176, 137, 173



230, 213, 228



140, 137, 176



115, 106, 114



242, 242, 242



115, 115, 115

Same Dimension

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



176, 137, 173



230, 168, 225



176, 137, 154



89, 80, 89



153, 0, 141



26, 0, 24

Inverse Universe

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



176, 137, 173



230, 168, 225



137, 162, 176



89, 80, 89



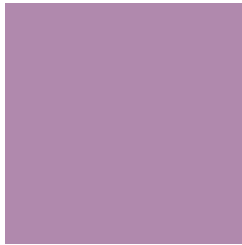
153, 0, 141



26, 0, 24

Previews

White Background



This preview shows how the RYB color 176, 137, 173 looks on a white background.

Color Contrast Check

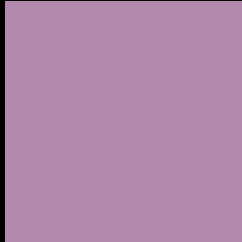
Large Text (above 18pt) WCAG AA × Fail

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 176, 137, 173 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 176, 137, 173 Background



This preview shows how black text looks on a background with the RYB color 176, 137, 173.

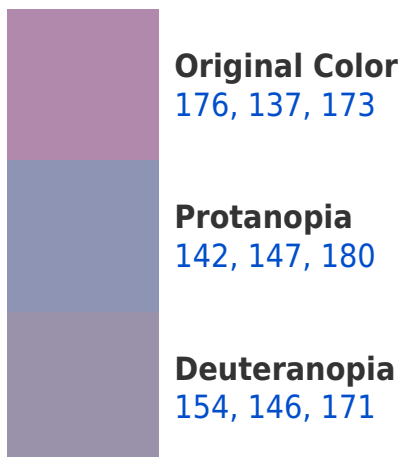



This preview shows how white text looks on a background with the RYB color 176, 137, 173.

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
173, 141, 152

Trichromacy



Original Color
176, 137, 173

Protanomaly
154, 144, 177

Deuteranomaly
162, 143, 172

Tritanomaly
174, 140, 160

Monochromacy



Original Color
176, 137, 173

Achromatopsia
153, 153, 153

Achromatomaly
161, 147, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 176, 137, 173 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, 137, 173) looks like.

```
.text, #text, p{  
    color:rgb(176, 137, 173)  
}
```

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, 137, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 137, 173) }
```

Border

The CSS property to change the border of an element to RYB 176, 137, 173 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, 137, 173) }
```

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

```
.border{ border-color:rgb(176, 137, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 137, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 137, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 137, 173);  
box-shadow:4px 4px 4px 4px rgb(176, 137,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 176, 137, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 137, 173) }
```

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

```
.background{ background-color: rgb(176,  
137, 173) }
```

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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