

Converting Colors

`RYB(173, 155, 176)`

Have a look what the booklet for
RYB(173, 155, 176) contains.

RYB(173, 155, 176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(173, 155, 176)

Conversions

Conversions Part 1

Format	Color
Hex	AD9BB0
RGB	173, 155, 176
RGB Percent	68%, 61%, 69%
CMY	0.3216, 0.3922, 0.3098
CMYK	0.02, 0.12, 0.00, 0.31
HSL	291°, 12%, 65%
HSV	291°, 12%, 69%
XYZ	36.7914, 35.4615, 45.9799
YIQ	162.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

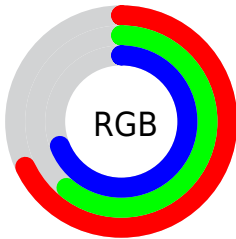
Format	Color
RYB	173, 155, 176
Decimal	11377584
CIELab	66.11, 10.49, -8.49
CIElCh	66, 13.491, 321.023
Yxy	35.4615, 0.3112, 0.2999
Android (android.graphics.Color)	4289567664 (0xFFAD9BB0)
YUV	162.7760, 6.5194, 8.9664
Hunter-Lab	59.5496, 6.0706, -4.0948

Details

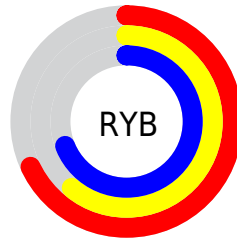
The RYB color **173, 155, 176** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155, 176, 173**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **228, 209, 232**, and **121, 104, 124** is the 20% darker color. If you saturate the color by 10%, you get **170, 137, 176**, and if you desaturate by 10%, it is **176, 173, 176**.

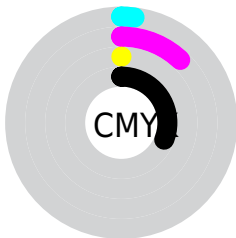
Distribution



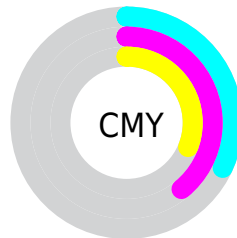
- Red (68%)
- Green (61%)
- Blue (69%)



- Red (68%)
- Yellow (61%)
- Blue (69%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (31%)



- Cyan (32%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 155, 176 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 173, 155, 176 by changing the saturation by 10% instead.

 173, 155, 176

255, 255, 255

 228, 209, 232

 255, 238, 255

 173, 155, 176


 146, 129, 149

 121, 104, 124

 96, 80, 99

 72, 57, 75

 49, 35, 52

 28, 14, 31

 0, 0, 4


 0, 0, 0


 173, 155, 176

 173, 155, 176

 170, 137, 176


 176, 173, 176

 168, 120, 176


 176, 190, 188

 165, 102, 176

 176, 208, 203

 163, 85, 176


 176, 225, 218

 160, 67, 176


 176, 243, 233

 158, 49, 176

 176, 255, 243

 155, 32, 176

 176, 255, 240

 153, 14, 176

 176, 255, 238

 151, 0, 176

 176, 255, 235

Harmonies

Analogous

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



158, 159, 183



173, 155, 176



183, 153, 165

Triad

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



173, 155, 176



162, 174, 137



130, 149, 169

Complementary

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



173, 155, 176



155, 176, 173

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.



136, 156, 168



173, 155, 176



138, 163, 140

Square

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



173, 155, 176



183, 161, 142



145, 166, 164



132, 152, 179

Rectangle

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



173, 155, 176



186, 152, 157



145, 166, 164



131, 150, 168

Sweetspot

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



173, 155, 176



228, 220, 230



155, 158, 176



114, 109, 115



242, 242, 242



115, 115, 115

Same Dimension

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



173, 155, 176



225, 197, 230



176, 155, 169



88, 80, 89



131, 0, 153



22, 0, 26

Inverse Universe

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



176, 155, 158



230, 197, 202



155, 171, 176



89, 80, 82



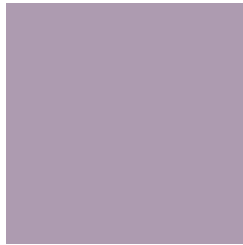
153, 0, 22



26, 0, 4

Previews

White Background



This preview shows how the RYB color 173, 155, 176 looks on a white background.

Color Contrast Check

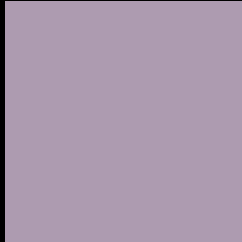
Large Text (above 18pt) WCAG AA × Fail

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 173, 155, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

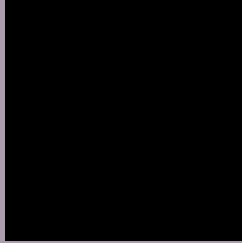
Any Text WCAG AA ✓ Pass

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](#).

R/Y/B 173, 155, 176 Background



This preview shows how black text looks on a background with the R/Y/B color 173, 155, 176.



This preview shows how white text looks on a background with the R/Y/B color 173, 155, 176.

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
[173](#), [155](#), [176](#)

Protanopia
[158](#), [160](#), [179](#)

Deuteranopia
[169](#), [156](#), [176](#)



Tritanopia
172, 156, 169

Trichromacy



Original Color
173, 155, 176

Protanomaly
163, 158, 178

Deuteranomaly
170, 156, 176

Tritanomaly
172, 156, 172

Monochromacy



Original Color
173, 155, 176

Achromatopsia
163, 163, 163

Achromatomaly
167, 160, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 155, 176 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(173, 155, 176)` looks like.

```
.text, #text, p{  
    color:rgb(173, 155, 176)  
}
```

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(173, 155, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 155, 176) }
```

Border

The CSS property to change the border of an element to RYB 173, 155, 176 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(173, 155, 176) }
```

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

```
.border{ border-color:rgb(173, 155, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 155, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 155, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 155, 176);  
box-shadow:4px 4px 4px 4px rgb(173, 155,  
176) }
```

Background

The CSS property to change the background color of an element to RYB 173, 155, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 155, 176) }
```

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

```
.background{ background-color: rgb(173,  
155, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor