

Converting Colors

`RYB(174, 133, 158)`

Have a look what the booklet for
RYB(174, 133, 158) contains.

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Color

R_YB(174, 133, 158)

Conversions

Conversions Part 1

Format	Color
Hex	AE859E
RGB	174, 133, 158
RGB Percent	68%, 52%, 62%
CMY	0.3176, 0.4784, 0.3804
CMYK	0.00, 0.24, 0.09, 0.32
HSL	323°, 20%, 60%
HSV	323°, 24%, 68%
XYZ	32.0146, 28.2424, 36.1117
YIQ	148.1090, 16.4110, 16.4670

Conversions

Conversions Part 2

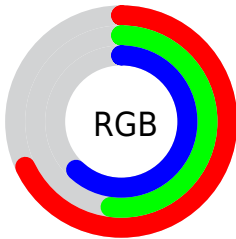
Format	Color
RYB	174, 133, 158
Decimal	11437470
CIELab	60.11, 19.84, -7.22
CIELCh	60, 21.114, 340.003
Yxy	28.2424, 0.3322, 0.2931
Android (android.graphics.Color)	4289627550 (0xFFAE859E)
YUV	148.1090, 4.8763, 22.7064
Hunter-Lab	53.1435, 14.5305, -3.0878

Details

The RYB color **174, 133, 158** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **133, 162, 174**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **230, 186, 213**, and **121, 83, 107** is the 20% darker color. If you saturate the color by 10%, you get **174, 116, 151**, and if you desaturate by 10%, it is **174, 150, 165**.

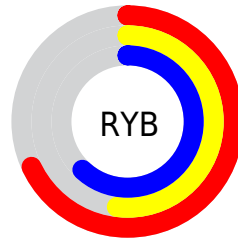
Distribution



Red (68%)

Green (52%)

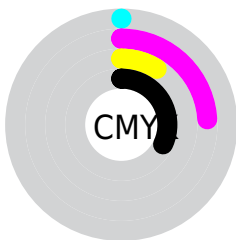
Blue (62%)



Red (68%)

Yellow (52%)

Blue (62%)

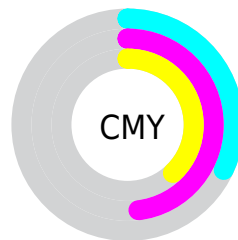


Cyan (0%)

Magenta (24%)

Yellow (9%)

Black (32%)



Cyan (32%)


Magenta (48%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the RYB color 174, 133, 158 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 174, 133, 158 by changing the saturation by 10% instead.

 174, 133, 158

255, 255, 255


 230, 186, 213

 255, 214, 241

 255, 243, 255


 174, 133, 158

 147, 108, 132

 121, 83, 107


 96, 60, 82


 72, 37, 59

 48, 16, 38


 30, 0, 17


 0, 0, 0

 174, 133, 158

 174, 116, 151


 174, 133, 158


 174, 150, 165

 174, 98, 144

 174, 168, 172

 174, 81, 138

 174, 182, 185

 174, 63, 131


 174, 195, 203

 174, 46, 124

 174, 207, 220

 174, 29, 117

 174, 219, 237

 174, 11, 110

 174, 232, 255

 174, 0, 106

 174, 229, 255

 174, 226, 255

Harmonies

Analogous

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



156, 138, 173



174, 133, 158



183, 131, 139

Triad

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



174, 133, 158



115, 152, 108



92, 126, 168

Complementary

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



174, 133, 158



133, 162, 174

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.



95, 126, 155



174, 133, 158



116, 151, 135

Square

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



174, 133, 158



170, 166, 110



111, 140, 154



107, 134, 179

Rectangle

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



174, 133, 158



182, 134, 127



111, 140, 154



91, 125, 163

Sweetspot

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



174, 133, 158



227, 211, 221



149, 133, 174



115, 106, 111



242, 242, 242



115, 115, 115

Same Dimension

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



174, 133, 158



227, 163, 202



174, 133, 138



87, 78, 83



150, 0, 92



23, 0, 14

Inverse Universe

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



174, 133, 158



227, 163, 202



133, 155, 174



87, 78, 83



150, 0, 92



23, 0, 14

Previews

White Background



This preview shows how the RYB color 174, 133, 158 looks on a white background.

Color Contrast Check

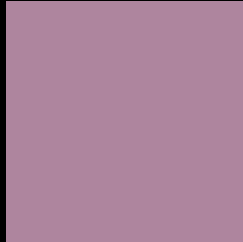
Large Text (above 18pt) WCAG AA ✓ Pass

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 174, 133, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

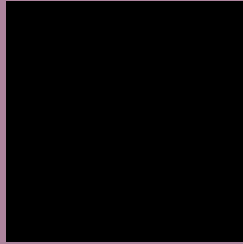
Any Text WCAG AA ✓ Pass

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](#).

RYP 174, 133, 158 Background



This preview shows how black text looks on a background with the RYB color 174, 133, 158.



This preview shows how white text looks on a background with the RYB color 174, 133, 158.

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
174, 133, 158

Protanopia
142, 144, 165

Deuteranopia
154, 141, 156



Tritanopia
172, 135, 146

Trichromacy



Original Color
174, 133, 158

Protanomaly
154, 140, 162

Deuteranomaly
161, 138, 157

Tritanomaly
173, 134, 150

Monochromacy



Original Color
174, 133, 158

Achromatopsia
148, 148, 148

Achromatomaly
157, 143, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 133, 158 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(174, 133, 158) looks like.

```
.text, #text, p{  
    color:rgb(174, 133, 158)  
}
```

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(174, 133, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 133, 158) }
```

Border

The CSS property to change the border of an element to RYB 174, 133, 158 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(174, 133, 158) }
```

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

```
.border{ border-color:rgb(174, 133, 158) }
```

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

Here you see how a box with a 4 pixel rgb(174, 133, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 133, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 133, 158);  
box-shadow:4px 4px 4px 4px rgb(174, 133,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 174, 133, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 133, 158) }
```

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

```
.background{ background-color: rgb(174,  
133, 158) }
```

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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