

Converting Colors

`RYB(174, 131, 158)`

Have a look what the booklet for
RYB(174, 131, 158) contains.

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Color

R_YB(174, 131, 158)

Conversions

Conversions Part 1

Format	Color
Hex	AE839E
RGB	174, 131, 158
RGB Percent	68%, 51%, 62%
CMY	0.3176, 0.4863, 0.3804
CMYK	0.00, 0.25, 0.09, 0.32
HSL	322°, 21%, 60%
HSV	322°, 25%, 68%
XYZ	31.7434, 27.6999, 36.0213
YIQ	146.9350, 16.9610, 17.5130

Conversions

Conversions Part 2

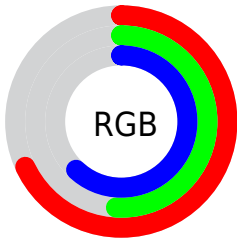
Format	Color
RYB	174, 131, 158
Decimal	11436958
CIELab	59.62, 20.97, -7.95
CIElCh	60, 22.426, 339.237
Yxy	27.6999, 0.3325, 0.2902
Android (android.graphics.Color)	4289627038 (0xFFAE839E)
YUV	146.9350, 5.4550, 23.7360
Hunter-Lab	52.6307, 15.5559, -3.7376

Details

The RYB color **174, 131, 158** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **131, 162, 174**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **230, 184, 213**, and **121, 81, 107** is the 20% darker color. If you saturate the color by 10%, you get **174, 114, 152**, and if you desaturate by 10%, it is **174, 148, 164**.

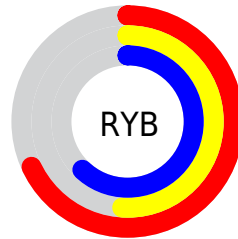
Distribution



Red (68%)

Green (51%)

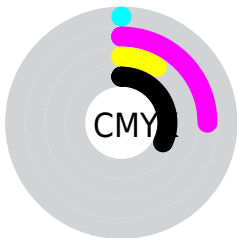
Blue (62%)



Red (68%)

Yellow (51%)

Blue (62%)

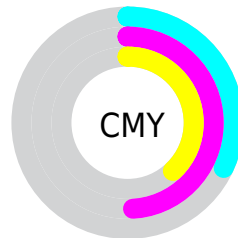


Cyan (0%)

Magenta (25%)

Yellow (9%)

Black (32%)



Cyan (32%)

Magenta (49%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the RYB color 174, 131, 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, 131, 158 by changing the saturation by 10% instead.


 174, 131, 158


255, 255, 255


 230, 184, 213

 255, 212, 241


 255, 241, 255


 174, 131, 158

 147, 106, 132

 121, 81, 107

 96, 58, 82


 71, 35, 59

 48, 14, 38


 30, 0, 17

 0, 0, 0

 174, 131, 158

 174, 114, 152

 174, 131, 158


 174, 148, 164

 174, 96, 145

 174, 166, 171

 174, 79, 139


 174, 181, 183

 174, 61, 132

 174, 194, 201

 174, 44, 126

 174, 206, 218

 174, 27, 119

 174, 218, 235

 174, 9, 113

 174, 232, 253

 174, 0, 109

 174, 230, 255

 174, 227, 255

Harmonies

Analogous

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



154, 136, 174



174, 131, 158



183, 129, 138

Triad

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



174, 131, 158



115, 152, 105



86, 123, 168

Complementary

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



174, 131, 158



131, 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.



90, 124, 155



174, 131, 158



113, 150, 133

Square

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



174, 131, 158



170, 168, 107



108, 140, 154



101, 131, 180

Rectangle

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



174, 131, 158



183, 132, 125



108, 140, 154



85, 121, 162

Sweetspot

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



174, 131, 158



227, 211, 221



147, 131, 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, 131, 158



227, 159, 202



174, 131, 137



87, 78, 83



150, 0, 94



23, 0, 14

Inverse Universe

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



174, 131, 158



227, 159, 202



131, 154, 174



87, 78, 83



150, 0, 94



23, 0, 14

Previews

White Background



This preview shows how the RYB color 174, 131, 158 looks on a white background.

Color Contrast Check

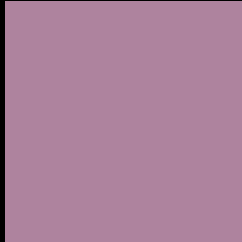
Large Text (above 18pt) WCAG AA ✓ Pass

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, 131, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

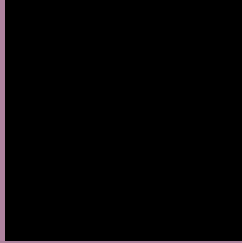
Any Text WCAG AA ✓ Pass

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](#).

RYB 174, 131, 158 Background



This preview shows how black text looks on a background with the RYB color 174, 131, 158.



This preview shows how white text looks on a background with the RYB color 174, 131, 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, 131, 158

Protanopia
140, 143, 165

Deuteranopia
152, 140, 156



Tritanopia

172, 133, 144

Trichromacy



Original Color
174, 131, 158

Protanomaly
152, 139, 162

Deuteranomaly
160, 137, 157

Tritanomaly
173, 132, 149

Monochromacy



Original Color
174, 131, 158

Achromatopsia
147, 147, 147

Achromatomaly
157, 141, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 131, 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, 131, 158) looks like.

```
.text, #text, p{  
    color:rgb(174, 131, 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, 131, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 131, 158) }
```

Border

The CSS property to change the border of an element to RYB 174, 131, 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, 131, 158) }
```

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

```
.border{ border-color:rgb(174, 131, 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, 131, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 131, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 131, 158);  
box-shadow:4px 4px 4px 4px rgb(174, 131,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 174, 131, 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, 131, 158) }
```

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

```
.background{ background-color: rgb(174,  
131, 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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