

Converting Colors

`RYB(174, 133, 149)`

Have a look what the booklet for
RYB(174, 133, 149) contains.

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Color

R_YB(174, 133, 149)

Conversions

Conversions Part 1

Format	Color
Hex	AE8595
RGB	174, 133, 149
RGB Percent	68%, 52%, 58%
CMY	0.3176, 0.4784, 0.4157
CMYK	0.00, 0.24, 0.14, 0.32
HSL	337°, 20%, 60%
HSV	337°, 24%, 68%
XYZ	31.2679, 27.9437, 32.1794
YIQ	147.0830, 19.3000, 13.6680

Conversions

Conversions Part 2

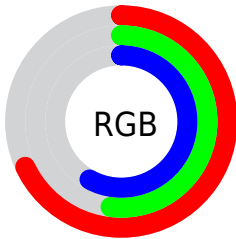
Format	Color
RYB	174, 133, 149
Decimal	11437461
CIELab	59.84, 18.28, -2.47
CIELCh	60, 18.441, 352.318
Yxy	27.9437, 0.3421, 0.3058
Android (android.graphics.Color)	4289627541 (0xFFAE8595)
YUV	147.0830, 0.9451, 23.6062
Hunter-Lab	52.8618, 13.0753, 0.9106

Details

The RYB color **174, 133, 149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **133, 158, 174**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **230, 186, 203**, and **121, 83, 98** is the 20% darker color. If you saturate the color by 10%, you get **174, 116, 138**, and if you desaturate by 10%, it is **174, 150, 160**.

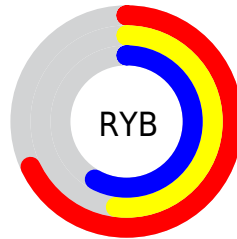
Distribution



Red (68%)

Green (52%)

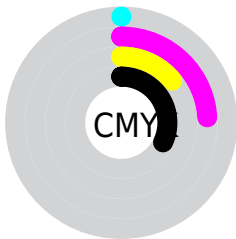
Blue (58%)



Red (68%)

Yellow (52%)

Blue (58%)

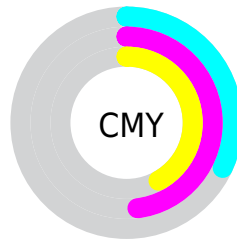


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (32%)



Cyan (32%)


Magenta (48%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the RYB color 174, 133, 149 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, 149 by changing the saturation by 10% instead.

 174, 133, 149


255, 255, 255


 230, 186, 203

 255, 214, 231


 255, 243, 255


 174, 133, 149

 147, 108, 123

 121, 83, 98

 96, 60, 75


 71, 37, 52

 48, 16, 31


 30, 0, 6


 0, 0, 0

 174, 133, 149

 174, 116, 138

 174, 133, 149


 174, 150, 160

 174, 98, 128

 174, 168, 170

 174, 81, 117

 174, 181, 185

 174, 63, 107

 174, 192, 203

 174, 46, 96

 174, 203, 220

 174, 29, 85

 174, 213, 237

 174, 11, 75

 174, 224, 255

 174, 0, 68

 174, 221, 255

 174, 217, 255

Harmonies

Analogous

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



161, 136, 164



174, 133, 149



178, 133, 133

Triad

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



174, 133, 149



114, 147, 117



103, 131, 169

Complementary

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



174, 133, 149



133, 158, 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.



99, 127, 156



174, 133, 149



124, 151, 150

Square

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



174, 133, 149



143, 161, 112



108, 135, 153



120, 138, 176

Rectangle

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



174, 133, 149



175, 139, 123



108, 135, 153



100, 129, 165

Sweetspot

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



174, 133, 149



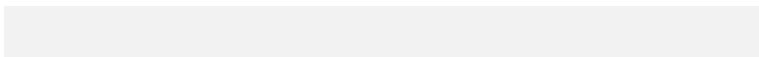
227, 211, 217



158, 133, 174



115, 106, 109



242, 242, 242



115, 115, 115

Same Dimension

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



174, 133, 149



227, 163, 188



174, 137, 133



87, 78, 81



150, 0, 59



23, 0, 9

Inverse Universe

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



174, 133, 149



227, 163, 188



133, 152, 174



87, 78, 81



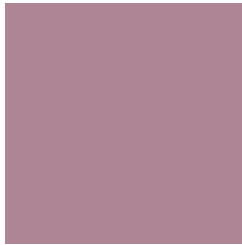
150, 0, 59



23, 0, 9

Previews

White Background



This preview shows how the RYB color 174, 133, 149 looks on a white background.

Color Contrast Check

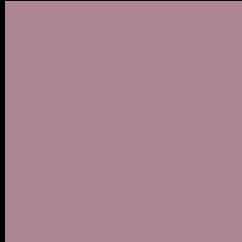
Large Text (above 18pt) WCAG AA ✓ Pass

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, 149 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, 133, 149 Background



This preview shows how black text looks on a background with the RYB color 174, 133, 149.



This preview shows how white text looks on a background with the RYB color 174, 133, 149.

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, 149

Protanopia
144, 143, 155

Deuteranopia
157, 140, 148



Tritanopia
173, 134, 144

Trichromacy



Original Color
174, 133, 149

Protanomaly
155, 139, 153

Deuteranomaly
163, 137, 148

Tritanomaly
173, 134, 146

Monochromacy



Original Color
174, 133, 149

Achromatopsia
147, 147, 147

Achromatomaly
157, 142, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 133, 149 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, 149) looks like.

```
.text, #text, p{  
    color:rgb(174, 133, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 133, 149) }
```

Border

The CSS property to change the border of an element to RYB 174, 133, 149 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, 149) }
```

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

```
.border{ border-color:rgb(174, 133, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 133, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 133, 149);  
box-shadow:4px 4px 4px 4px rgb(174, 133,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 174, 133, 149 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, 149) }
```

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

```
.background{ background-color: rgb(174,  
133, 149) }
```

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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