

Converting Colors

`RYB(175, 134, 160)`

Have a look what the booklet for
RYB(175, 134, 160) contains.

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Color

R_YB(175, 134, 160)

Conversions

Conversions Part 1

Format	Color
Hex	AF86A0
RGB	175, 134, 160
RGB Percent	69%, 53%, 63%
CMY	0.3137, 0.4745, 0.3725
CMYK	0.00, 0.23, 0.09, 0.31
HSL	322°, 20%, 61%
HSV	322°, 23%, 69%
XYZ	32.5495, 28.7022, 37.0822
YIQ	149.2230, 16.0900, 16.7780

Conversions

Conversions Part 2

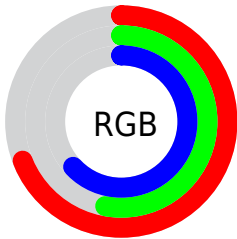
Format	Color
RYB	175, 134, 160
Decimal	11503264
CIELab	60.52, 20.00, -7.74
CIElCh	61, 21.442, 338.837
Yxy	28.7022, 0.3310, 0.2919
Android (android.graphics.Color)	4289693344 (0xFFAF86A0)
YUV	149.2230, 5.3131, 22.6064
Hunter-Lab	53.5745, 14.6934, -3.5362

Details

The RYB color **175, 134, 160** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **134, 164, 175**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **231, 187, 215**, and **122, 84, 109** is the 20% darker color. If you saturate the color by 10%, you get **175, 117, 154**, and if you desaturate by 10%, it is **175, 152, 166**.

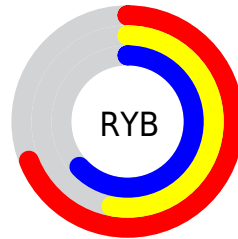
Distribution



Red (69%)

Green (53%)

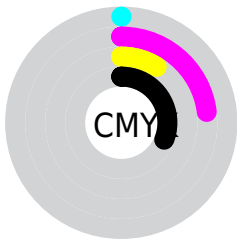
Blue (63%)



Red (69%)

Yellow (53%)

Blue (63%)

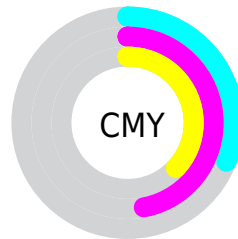


Cyan (0%)

Magenta (23%)

Yellow (9%)

Black (31%)



Cyan (31%)

Magenta (47%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the RYB color 175, 134, 160 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 175, 134, 160 by changing the saturation by 10% instead.

 175, 134, 160


255, 255, 255

 231, 187, 215

 255, 215, 243

 255, 244, 255

 175, 134, 160


 148, 109, 134

 122, 84, 109

 97, 60, 84

 72, 38, 61

 49, 17, 39

 31, 0, 19

 0, 0, 0

 175, 134, 160

 175, 117, 154

 175, 134, 160


 175, 152, 166

 175, 99, 147

 175, 169, 173

 175, 82, 141


 175, 184, 187

 175, 64, 134


 175, 196, 204

 175, 47, 128

 175, 210, 222

 175, 29, 122

 175, 222, 239

 175, 12, 115

 175, 233, 255

 175, 0, 111

 175, 230, 255

 175, 227, 255

Harmonies

Analogous

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



156, 139, 175



175, 134, 160



184, 132, 141

Triad

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



175, 134, 160



119, 154, 109



92, 127, 169

Complementary

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



175, 134, 160



134, 164, 175

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, 128, 157



175, 134, 160



116, 152, 135

Square

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



175, 134, 160



172, 166, 111



112, 142, 156



106, 135, 181

Rectangle

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



175, 134, 160



184, 133, 129



112, 142, 156



91, 125, 163

Sweetspot

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



175, 134, 160



227, 211, 221



148, 134, 175



115, 106, 111



242, 242, 242



115, 115, 115

Same Dimension

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



175, 134, 160



227, 163, 204



175, 134, 140



87, 78, 84



150, 0, 95



23, 0, 15

Inverse Universe

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



175, 134, 160



227, 163, 204



134, 156, 175



87, 78, 84



150, 0, 95



23, 0, 15

Previews

White Background



This preview shows how the RYB color 175, 134, 160 looks on a white background.

Color Contrast Check

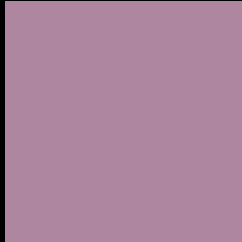
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 134, 160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

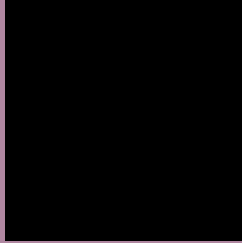
Any Text WCAG AA ✓ Pass

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 175, 134, 160 Background



This preview shows how black text looks on a background with the RYB color 175, 134, 160.



This preview shows how white text looks on a background with the RYB color 175, 134, 160.

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
175, 134, 160

Protanopia
143, 145, 167

Deuteranopia
155, 142, 158



Tritanopia
173, 136, 147

Trichromacy



Original Color
175, 134, 160

Protanomaly
155, 141, 164

Deuteranomaly
162, 139, 159

Tritanomaly
174, 135, 152

Monochromacy



Original Color
175, 134, 160

Achromatopsia
149, 149, 149

Achromatomaly
158, 144, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 134, 160 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(175, 134, 160)` looks like.

```
.text, #text, p{  
    color:rgb(175, 134, 160)  
}
```

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(175, 134, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 134, 160) }
```

Border

The CSS property to change the border of an element to RYB 175, 134, 160 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(175, 134, 160) }
```

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

```
.border{ border-color:rgb(175, 134, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 134, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 134, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 134, 160);  
box-shadow:4px 4px 4px 4px rgb(175, 134,  
160) }
```

Background

The CSS property to change the background color of an element to RYB 175, 134, 160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 134, 160) }
```

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

```
.background{ background-color: rgb(175,  
134, 160) }
```

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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