

Converting Colors

`RYB(200, 134, 159)`

Have a look what the booklet for RYB(200, 134, 159) contains.

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Color

R_YB(200, 134, 159)

Conversions

Conversions Part 1

Format	Color
Hex	C8869F
RGB	200, 134, 159
RGB Percent	78%, 53%, 62%
CMY	0.2157, 0.4745, 0.3765
CMYK	0.00, 0.33, 0.20, 0.22
HSL	337°, 37%, 65%
HSV	337°, 33%, 78%
XYZ	38.6025, 31.8328, 36.9106
YIQ	156.5840, 31.3110, 21.7670

Conversions

Conversions Part 2

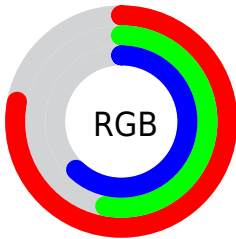
Format	Color
R_{YB}	200, 134, 159
Decimal	13141663
CIE _{Lab}	63.20, 28.88, -2.89
CIE _{LCh}	63, 29.025, 354.279
Yxy	31.8328, 0.3596, 0.2965
Android (android.graphics.Color)	4291331743 (0xFFC8869F)
YUV	156.5840, 1.1911, 38.0758
Hunter-Lab	56.4205, 23.3925, 0.7065

Details

The RYB color **200, 134, 159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **134, 175, 200**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 188, 214**, and **145, 83, 108** is the 20% darker color. If you saturate the color by 10%, you get **200, 114, 147**, and if you desaturate by 10%, it is **200, 154, 171**.

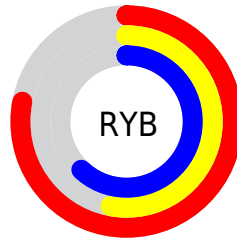
Distribution



Red (78%)

Green (53%)

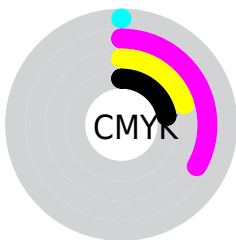
Blue (62%)



Red (78%)

Yellow (53%)

Blue (62%)

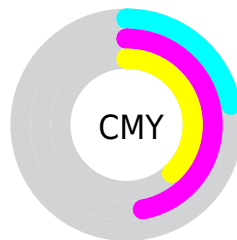


Cyan (0%)

Magenta (33%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 134, 159 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 200, 134, 159 by changing the saturation by 10% instead.


 200, 134, 159


255, 255, 255

 255, 188, 214


 255, 216, 242

 255, 245, 255

 200, 134, 159

 172, 108, 133

 145, 83, 108

 118, 59, 83

 92, 36, 60


 67, 11, 39


 45, 0, 18


 0, 0, 0


 200, 134, 159


 200, 114, 147


 200, 134, 159


 200, 154, 171

 200, 94, 134

 200, 174, 184

 200, 74, 122


 200, 194, 196

 200, 54, 109

 200, 209, 214

 200, 34, 97

 200, 221, 234

 200, 14, 84

 200, 233, 254

 200, 0, 76

 200, 230, 255

 200, 228, 255

Harmonies

Analogous

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



181, 139, 183



200, 134, 159



204, 135, 133

Triad

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



200, 134, 159



105, 158, 114



77, 127, 194

Complementary

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



200, 134, 159



134, 175, 200

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.



68, 119, 173



200, 134, 159



119, 161, 164

Square

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



200, 134, 159



142, 176, 102



89, 134, 167



111, 142, 204

Rectangle

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



200, 134, 159



200, 144, 118



89, 134, 167



70, 123, 188

Sweetspot

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



200, 134, 159



255, 230, 239



175, 134, 200



128, 112, 118



0, 0, 0



128, 128, 128

Same Dimension

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



200, 134, 159



255, 153, 192



200, 143, 134



99, 90, 93



163, 0, 62



36, 0, 14

Inverse Universe

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



200, 134, 159



255, 153, 192



134, 165, 200



99, 90, 93



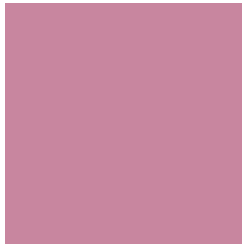
163, 0, 62



36, 0, 14

Previews

White Background



This preview shows how the RYB color 200, 134, 159 looks on a white background.

Color Contrast Check

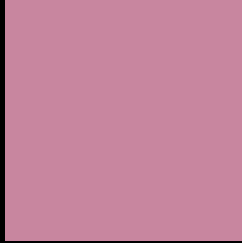
Large Text (above 18pt) WCAG AA × Fail

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 200, 134, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

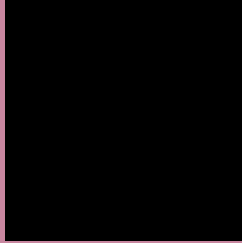
Any Text WCAG AA ✓ Pass

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](#).

RYB 200, 134, 159 Background



This preview shows how black text looks on a background with the RYB color 200, 134, 159.



This preview shows how white text looks on a background with the RYB color 200, 134, 159.

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
200, 134, 159

Protanopia
151, 152, 170

Deuteranopia
167, 149, 156



Tritanopia
199, 136, 147

Trichromacy



Original Color
200, 134, 159

Protanomaly
169, 145, 166

Deuteranomaly
179, 144, 157

Tritanomaly
199, 135, 151

Monochromacy



Original Color
200, 134, 159

Achromatopsia
157, 157, 157

Achromatomaly
173, 149, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 134, 159 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(200, 134, 159) looks like.

```
.text, #text, p{  
    color:rgb(200, 134, 159)  
}
```

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(200, 134, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 134, 159) }
```

Border

The CSS property to change the border of an element to RYB 200, 134, 159 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(200, 134, 159) }
```

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

```
.border{ border-color:rgb(200, 134, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 134, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 134, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 134, 159);  
box-shadow:4px 4px 4px 4px rgb(200, 134,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 200, 134, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 134, 159) }
```

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

```
.background{ background-color: rgb(200,  
134, 159) }
```

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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