

Converting Colors

`RYB(233, 168, 171)`

Have a look what the booklet for
RYB(233, 168, 171) contains.

RYB(233, 168, 171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(233, 168, 171)

Conversions

Conversions Part 1

Format	Color
Hex	E9A8AB
RGB	233, 168, 171
RGB Percent	91%, 66%, 67%
CMY	0.0863, 0.3412, 0.3294
CMYK	0.00, 0.28, 0.27, 0.09
HSL	357°, 60%, 79%
HSV	357°, 28%, 91%
XYZ	54.9576, 48.2692, 44.9484
YIQ	187.7770, 37.7770, 14.7130

Conversions

Conversions Part 2

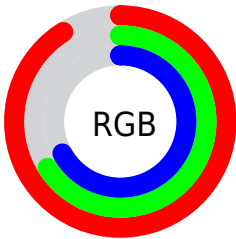
Format	Color
R _Y B	233, 168, 171
Decimal	15313067
CIE Lab	74.99, 24.33, 7.97
CIE LCh	75, 25.604, 18.133
Yxy	48.2692, 0.3709, 0.3258
Android (android.graphics.Color)	4293503147 (0xFFE9A8AB)
YUV	187.7770, -8.2711, 39.6606
Hunter-Lab	69.4760, 19.6157, 10.2748

Details

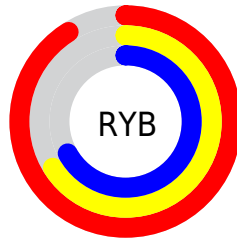
The RYB color **233, 168, 171** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **168, 201, 233**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 224, 226**, and **176, 115, 119** is the 20% darker color. If you saturate the color by 10%, you get **233, 145, 149**, and if you desaturate by 10%, it is **233, 191, 193**.

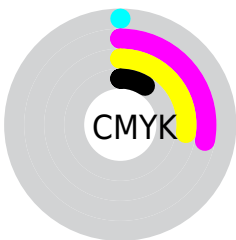
Distribution



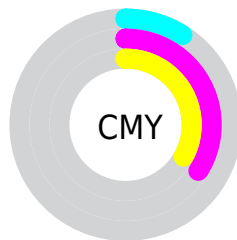
- Red (91%)
- Green (66%)
- Blue (67%)



- Red (91%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (27%)
- Black (9%)




- Cyan (9%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 233, 168, 171 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 233, 168, 171 by changing the saturation by 10% instead.

 233, 168, 171

 233, 168, 171

255, 255, 255

 204, 141, 145

 255, 224, 226

 176, 115, 119

 255, 252, 255

 148, 90, 94

 122, 66, 71

 95, 43, 48

 70, 21, 28

 47, 0, 0

 7, 0, 0

 0, 0, 0

■ 233, 168, 171

■ 233, 168, 171

■ 233, 145, 149

■ 233, 191, 193

■ 233, 121, 127

■ 233, 215, 215

■ 233, 98, 104

■ 233, 236, 238

■ 233, 75, 82

■ 233, 244, 255

■ 233, 52, 60

■ 233, 28, 38

■ 233, 5, 15

■ 233, 0, 11

Harmonies

Analogous

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



226, 169, 195



233, 168, 171



227, 181, 150

Triad

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



233, 168, 171



153, 194, 187



144, 174, 230

Complementary

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



233, 168, 171



168, 201, 233

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.



120, 163, 219



233, 168, 171



135, 173, 197

Square

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



233, 168, 171



140, 188, 141



118, 158, 198



176, 181, 229

Rectangle

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



233, 168, 171



217, 209, 141



118, 158, 198



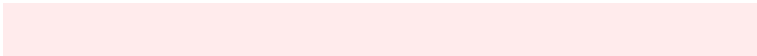
134, 170, 228

Sweetspot

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



233, 168, 171



255, 235, 236



230, 168, 233



128, 115, 115



0, 0, 0



128, 128, 128

Same Dimension

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



233, 168, 171



255, 171, 175



233, 220, 168



117, 106, 106



181, 0, 8



54, 0, 2

Inverse Universe

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



233, 168, 171



255, 171, 175



168, 191, 233



117, 106, 106



181, 0, 8



54, 0, 2

Previews

White Background



This preview shows how the RYB color 233, 168, 171 looks on a white background.

Color Contrast Check

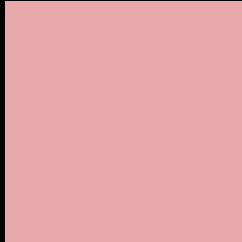
Large Text (above 18pt) WCAG AA × Fail

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 233, 168, 171 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 233, 168, 171 Background



This preview shows how black text looks on a background with the RYB color 233, 168, 171.

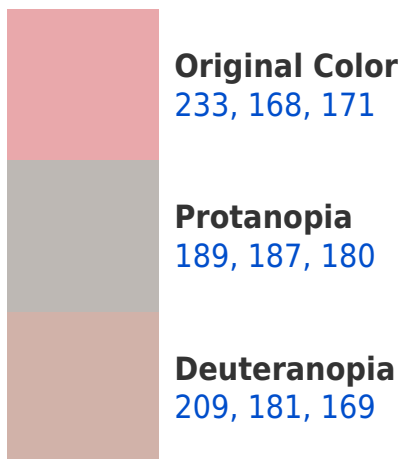


This preview shows how white text looks on a background with the RYB color 233, 168, 171.

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](#).

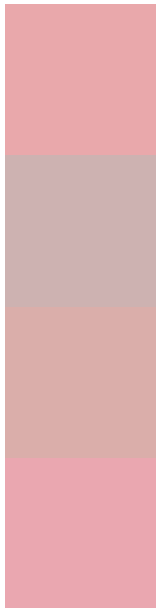
Dichromacy





Tritanopia
234, 167, 179

Trichromacy



Original Color
233, 168, 171

Protanomaly
205, 178, 177

Deuteranomaly
218, 174, 170

Tritanomaly
234, 167, 176

Monochromacy



Original Color
233, 168, 171

Achromatopsia
188, 188, 188

Achromatomaly
204, 181, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 233, 168, 171 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(233, 168, 171) looks like.

```
.text, #text, p{  
    color:rgb(233, 168, 171)  
}
```

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(233, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 168, 171) }
```

Border

The CSS property to change the border of an element to RYB 233, 168, 171 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(233, 168, 171) }
```

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

```
.border{ border-color:rgb(233, 168, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 168, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 168, 171);  
box-shadow:4px 4px 4px 4px rgb(233, 168,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 233, 168, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 168, 171) }
```

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

```
.background{ background-color: rgb(233,  
168, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor