

Converting Colors

RGB(233, 171, 188)

Have a look what the booklet for
RGB(233, 171, 188) contains.

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Color

RGB(233, 171, 188)

Conversions

Conversions Part 1

Format	Color
Hex	E9ABBC
RGB	233, 171, 188
RGB Percent	91%, 67%, 74%
CMY	0.0863, 0.3294, 0.2627
CMYK	0.00, 0.27, 0.19, 0.09
HSL	344°, 58%, 79%
HSV	344°, 27%, 91%
XYZ	57.2443, 50.0803, 54.2263
YIQ	191.4760, 31.4950, 18.4310

Conversions

Conversions Part 2

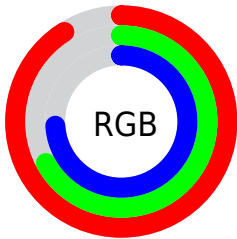
Format	Color
R _Y B	233, 171, 188
Decimal	15313852
CIE Lab	76.12, 25.19, 0.29
CIE LCh	76, 25.187, 0.670
Yxy	50.0803, 0.3543, 0.3100
Android (android.graphics.Color)	4293503932 (0xFFE9ABBC)
YUV	191.4760, -1.7137, 36.4165
Hunter-Lab	70.7674, 20.5469, 4.1056

Details

The RGB color **233, 171, 188** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 233, 216**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 227, 244**, and **176, 118, 135** is the 20% darker color. If you saturate the color by 10%, you get **233, 148, 171**, and if you desaturate by 10%, it is **233, 194, 205**.

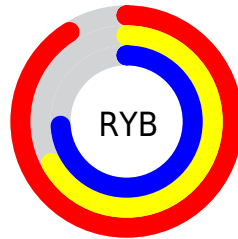
Distribution



Red (91%)

Green (67%)

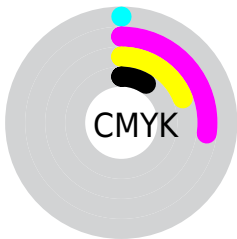
Blue (74%)



Red (91%)

Yellow (67%)

Blue (74%)

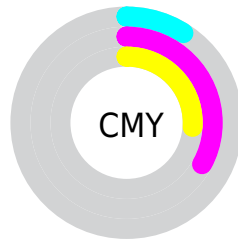


Cyan (0%)

Magenta (27%)

Yellow (19%)

Black (9%)



Cyan (9%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 171, 188 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 RGB color 233, 171, 188 by changing the saturation by 10% instead.

 233, 171, 188

 233, 171, 188

255, 255, 255

 204, 144, 161

 255, 227, 244

 176, 118, 135

 149, 93, 110

 122, 69, 85

 97, 46, 62

 72, 23, 40

 48, 0, 20

 19, 0, 0

 0, 0, 0

■ 233, 171, 188

■ 233, 171, 188

■ 233, 148, 171

■ 233, 194, 205

■ 233, 124, 154

■ 233, 218, 222

■ 233, 101, 137

■ 233, 241, 239

■ 233, 78, 120

■ 233, 255, 255

■ 233, 54, 103

■ 233, 31, 87

■ 233, 8, 70

■ 233, 0, 64

Harmonies

Analogous

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



218, 174, 211



233, 171, 188



235, 173, 165

Triad

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



233, 171, 188



179, 193, 147



132, 196, 227

Complementary

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



233, 171, 188



171, 233, 216

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.



121, 200, 211



233, 171, 188



153, 199, 164

Square

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



233, 171, 188



205, 186, 141



130, 201, 187



160, 190, 234

Rectangle

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



233, 171, 188



229, 176, 153



130, 201, 187



126, 198, 223

Sweetspot

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



233, 171, 188



255, 235, 240



215, 171, 233



128, 115, 118



0, 0, 0



128, 128, 128

Same Dimension

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



233, 171, 188



255, 173, 196



233, 184, 171



117, 106, 109



181, 0, 50



54, 0, 15

Inverse Universe

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



233, 171, 188



255, 173, 196



171, 220, 233



117, 106, 109



181, 0, 50



54, 0, 15

Previews

White Background



This preview shows how the RGB color 233, 171, 188 looks on a white background.

Color Contrast Check

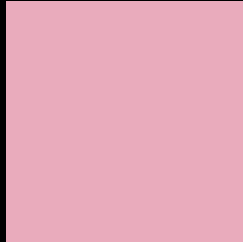
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 233, 171, 188 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](#).

RGB 233, 171, 188 Background



This preview shows how black text looks on a background with the RGB color 233, 171, 188.



This preview shows how white text looks on a background with the RGB color 233, 171, 188.

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
233, 171, 188

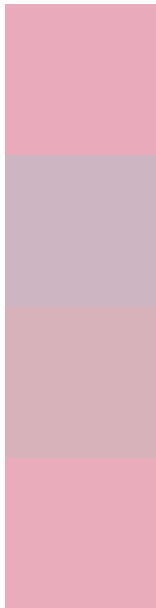
Protanopia
189, 187, 197

Deuteranopia
207, 182, 186



Tritanopia
233, 172, 185

Trichromacy



Original Color
233, 171, 188

Protanomaly
205, 181, 194

Deuteranomaly
216, 178, 187

Tritanomaly
233, 172, 186

Monochromacy



Original Color
233, 171, 188

Achromatopsia
191, 191, 191

Achromatomaly
206, 184, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 171, 188 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, 171, 188)` looks like.

```
.text, #text, p{  
    color:rgb(233, 171, 188)  
}
```

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, 171, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 171, 188) }
```

Border

The CSS property to change the border of an element to RGB 233, 171, 188 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, 171, 188) }
```

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

```
.border{ border-color:rgb(233, 171, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 171, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 171, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 171, 188);  
box-shadow:4px 4px 4px 4px rgb(233, 171,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 233, 171, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 171, 188) }
```

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

```
.background{ background-color: rgb(233,  
171, 188) }
```

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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