

Converting Colors

RGB(229, 139, 168)

Have a look what the booklet for
RGB(229, 139, 168) contains.

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Color

RGB(229, 139, 168)

Conversions

Conversions Part 1	
Format	Color
Hex	E58BA8
RGB	229, 139, 168
RGB Percent	90%, 55%, 66%
CMY	0.1020, 0.4549, 0.3412
CMYK	0.00, 0.39, 0.27, 0.10
HSL	341°, 63%, 72%
HSV	341°, 39%, 90%
XYZ	48.6136, 37.9504, 41.8087
YIQ	169.2160, 44.3310, 28.0990

Conversions

Conversions Part 2

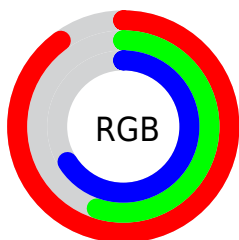
Format	Color
RYB	229, 139, 168
Decimal	15043496
CIELab	67.98, 37.86, -0.57
CIELCh	68, 37.866, 359.142
Yxy	37.9504, 0.3787, 0.2956
Android (android.graphics.Color)	4293233576 (0xFFE58BA8)
YUV	169.2160, -0.5995, 52.4306
Hunter-Lab	61.6039, 33.0532, 2.8844

Details

The RGB color **229, 139, 168** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **139, 229, 200**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 194, 223**, and **171, 87, 116** is the 20% darker color. If you saturate the color by 10%, you get **229, 116, 152**, and if you desaturate by 10%, it is **229, 162, 184**.

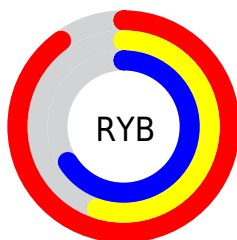
Distribution



Red (90%)

Green (55%)

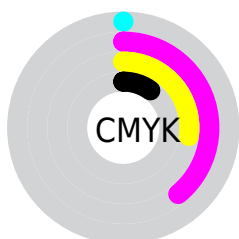
Blue (66%)



Red (90%)

Yellow (55%)

Blue (66%)

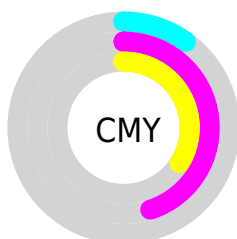


Cyan (0%)

Magenta (39%)

Yellow (27%)

Black (10%)



Cyan (10%)

Magenta (45%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 139, 168 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 229, 139, 168 by changing the saturation by 10% instead.

 229, 139, 168

255, 255, 255


 255, 194, 223

 255, 222, 252

 255, 251, 255

 229, 139, 168

 200, 113, 142

 171, 87, 116

 144, 62, 92

 116, 37, 68

 90, 7, 46


 64, 0, 25

 42, 0, 1

 0, 0, 0

 229, 139, 168

 229, 139, 168

 229, 116, 152

 229, 162, 184

 229, 93, 137

 229, 185, 199

 229, 70, 121

 229, 208, 215

 229, 47, 106

 229, 231, 230

 229, 24, 90

 229, 254, 246

 229, 2, 75

 229, 255, 255

 229, 0, 74

Harmonies

Analogous

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



208, 145, 201



229, 139, 168



231, 142, 134

Triad

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



229, 139, 168



154, 174, 105



48, 178, 223

Complementary

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



229, 139, 168



139, 229, 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.



0, 183, 198



229, 139, 168



113, 181, 129

Square

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



229, 139, 168



189, 163, 97



65, 184, 163



113, 169, 234

Rectangle

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



229, 139, 168



223, 148, 115



65, 184, 163



21, 180, 216

Sweetspot

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



229, 139, 168



255, 224, 234



199, 139, 229



128, 110, 115



0, 0, 0



128, 128, 128

Same Dimension

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



229, 139, 168



255, 135, 174



229, 154, 139



115, 103, 107



179, 0, 58



51, 0, 16

Inverse Universe

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



229, 139, 168



255, 135, 174



139, 214, 229



115, 103, 107



179, 0, 58



51, 0, 16

Previews

White Background



This preview shows how the RGB color 229, 139, 168 looks on a white background.

Color Contrast Check

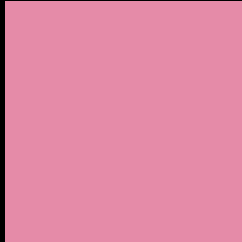
Large Text (above 18pt) WCAG AA × Fail

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 229, 139, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

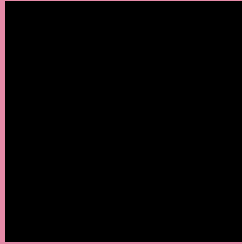
Any Text WCAG AA ✓ Pass

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 229, 139, 168 Background



This preview shows how black text looks on a background with the RGB color 229, 139, 168.



This preview shows how white text looks on a background with the RGB color 229, 139, 168.

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

229, 139, 168

Protanopia

164, 165, 184

Deuteranopia

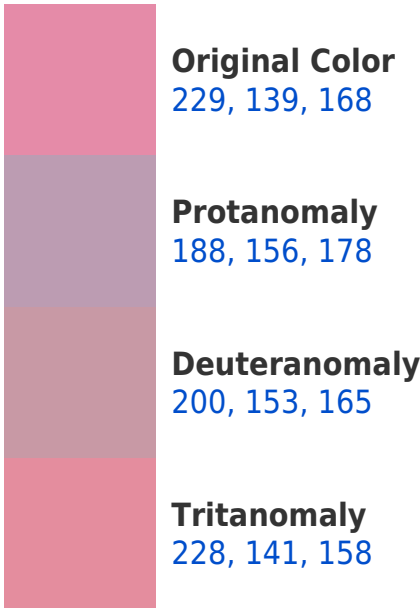
183, 161, 164



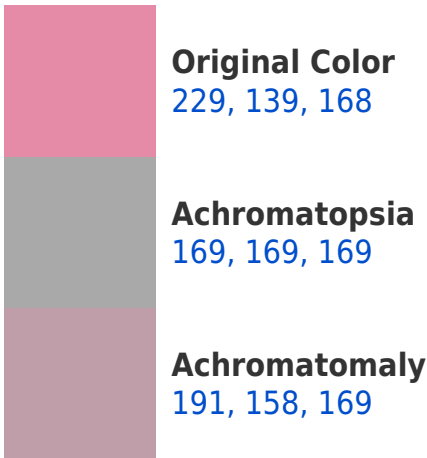
Tritanopia

227, 142, 152

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 139, 168 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(229, 139, 168)` looks like.

```
.text, #text, p{  
    color:rgb(229, 139, 168)  
}
```

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(229, 139, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 139, 168) }
```

Border

The CSS property to change the border of an element to RGB 229, 139, 168 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(229, 139, 168) }
```

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

```
.border{ border-color:rgb(229, 139, 168) }
```

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

Here you see how a box with a 4 pixel rgb(229, 139, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 139, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 139, 168);  
box-shadow:4px 4px 4px 4px rgb(229, 139,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 229, 139, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 139, 168) }
```

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

```
.background{ background-color: rgb(229,  
139, 168) }
```

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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