

Converting Colors

`RYB(229, 139, 165)`

Have a look what the booklet for
RYB(229, 139, 165) contains.

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Color

RYB(229, 139, 165)

Conversions

Conversions Part 1

Format	Color
Hex	E58BA5
RGB	229, 139, 165
RGB Percent	90%, 55%, 65%
CMY	0.1020, 0.4549, 0.3529
CMYK	0.00, 0.39, 0.28, 0.10
HSL	343°, 63%, 72%
HSV	343°, 39%, 90%
XYZ	48.3372, 37.8399, 40.3535
YIQ	168.8740, 45.2940, 27.1660

Conversions

Conversions Part 2

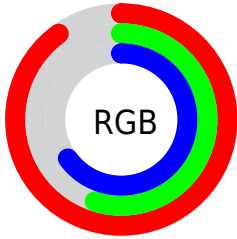
Format	Color
R _Y B	229, 139, 165
Decimal	15043493
CIE Lab	67.90, 37.45, 1.00
CIE LCh	68, 37.467, 1.528
Yxy	37.8399, 0.3820, 0.2991
Android (android.graphics.Color)	4293233573 (0xFFE58BA5)
YUV	168.8740, -1.9099, 52.7305
Hunter-Lab	61.5141, 32.6140, 4.1654

Details

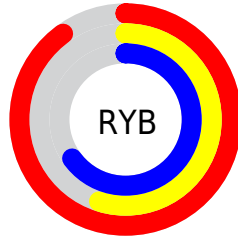
The RYB color **229, 139, 165** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **139, 192, 229**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 194, 220**, and **171, 87, 113** is the 20% darker color. If you saturate the color by 10%, you get **229, 116, 149**, and if you desaturate by 10%, it is **229, 162, 181**.

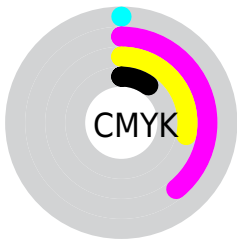
Distribution



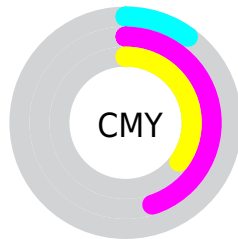
- Red (90%)
- Green (55%)
- Blue (65%)



- Red (90%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (39%)
- Yellow (28%)
- Black (10%)



- Cyan (10%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 139, 165 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 229, 139, 165 by changing the saturation by 10% instead.


 229, 139, 165

 229, 139, 165

255, 255, 255

 200, 113, 139

 255, 194, 220

 171, 87, 113

 255, 222, 248

 144, 62, 89

 255, 251, 255

 116, 37, 66

 90, 8, 44

 63, 0, 23

 41, 0, 1

 0, 0, 0

 229, 139, 165

 229, 139, 165

■ 229, 116, 149

■ 229, 162, 181

■ 229, 93, 132

■ 229, 185, 198

■ 229, 70, 116

■ 229, 208, 214

■ 229, 47, 100

■ 229, 230, 231

■ 229, 24, 84

■ 229, 244, 254

■ 229, 2, 67

■ 229, 242, 255

■ 229, 0, 66

Harmonies

Analogous

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



209, 145, 198



229, 139, 165



230, 143, 132

Triad

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



229, 139, 165



107, 174, 130



56, 126, 224

Complementary

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



229, 139, 165



139, 192, 229

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.



3, 97, 200



229, 139, 165



110, 164, 181

Square

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



229, 139, 165



126, 186, 97



62, 127, 183



119, 153, 233

Rectangle

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



229, 139, 165



221, 164, 114



62, 127, 183



33, 115, 217

Sweetspot

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



229, 139, 165



255, 224, 233



202, 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, 165



255, 135, 170



229, 162, 139



115, 103, 107



179, 0, 52



51, 0, 15

Inverse Universe

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



229, 139, 165



255, 135, 170



139, 179, 229



115, 103, 107



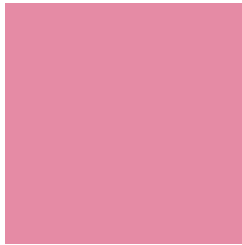
179, 0, 52



51, 0, 15

Previews

White Background



This preview shows how the RYB color 229, 139, 165 looks on a white background.

Color Contrast Check

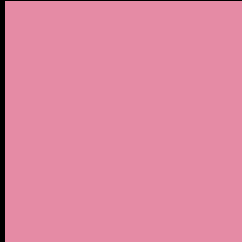
Large Text (above 18pt) WCAG AA × Fail

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 229, 139, 165 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 229, 139, 165 Background



This preview shows how black text looks on a background with the RYB color 229, 139, 165.

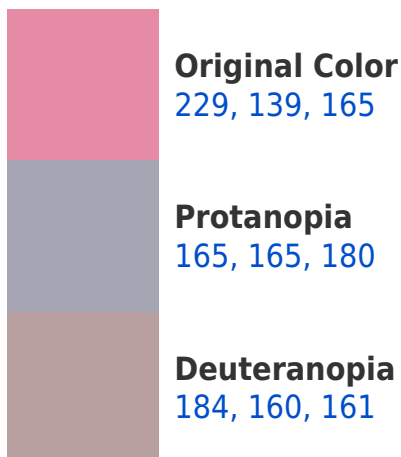



This preview shows how white text looks on a background with the RYB color 229, 139, 165.

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
228, 141, 152

Trichromacy



Original Color

229, 139, 165



Protanomaly

188, 156, 175



Deuteranomaly

200, 152, 162



Tritanomaly

228, 140, 157

Monochromacy



Original Color

229, 139, 165



Achromatopsia

169, 169, 169



Achromatomaly

191, 158, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 139, 165 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(229, 139, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 139, 165) }
```

Border

The CSS property to change the border of an element to RYB 229, 139, 165 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, 165) }
```

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

```
.border{ border-color:rgb(229, 139, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 139, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 139, 165);  
box-shadow:4px 4px 4px 4px rgb(229, 139,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 229, 139, 165 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, 165) }
```

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

```
.background{ background-color: rgb(229,  
139, 165) }
```

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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