

Converting Colors

`RYB(229, 189, 191)`

Have a look what the booklet for RYB(229, 189, 191) contains.

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Color

R_YB(229, 189, 191)

Conversions

Conversions Part 1

Format	Color
Hex	E5BDBF
RGB	229, 189, 191
RGB Percent	90%, 74%, 75%
CMY	0.1020, 0.2588, 0.2510
CMYK	0.00, 0.17, 0.17, 0.10
HSL	357°, 43%, 82%
HSV	357°, 17%, 90%
XYZ	59.9147, 56.8148, 57.0987
YIQ	201.1880, 23.1980, 9.1020

Conversions

Conversions Part 2

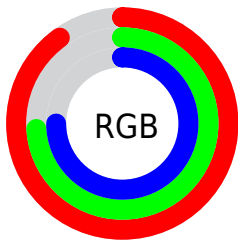
Format	Color
R _Y B	229, 189, 191
Decimal	15056319
CIE Lab	80.08, 14.60, 4.37
CIE LCh	80, 15.236, 16.650
Yxy	56.8148, 0.3447, 0.3268
Android (android.graphics.Color)	4293246399 (0xFFE5BDBF)
YUV	201.1880, -5.0227, 24.3911
Hunter-Lab	75.3756, 9.9791, 7.8494

Details

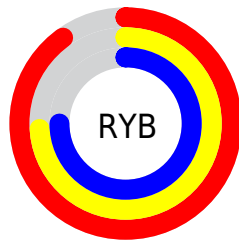
The RYB color **229, 189, 191** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **189, 210, 229**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 245, 247**, and **173, 136, 138** is the 20% darker color. If you saturate the color by 10%, you get **229, 166, 169**, and if you desaturate by 10%, it is **229, 212, 213**.

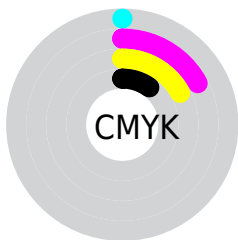
Distribution



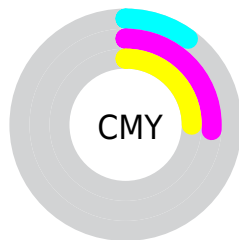
- Red (90%)
- Green (74%)
- Blue (75%)



- Red (90%)
- Yellow (74%)
- Blue (75%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (10%)



- Cyan (10%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 229, 189, 191 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, 189, 191 by changing the saturation by 10% instead.

 229, 189, 191

255, 255, 255

 255, 245, 247

 229, 189, 191

 201, 162, 164

 173, 136, 138

 146, 110, 112

 120, 86, 88

 95, 62, 65

 70, 40, 43


 47, 19, 22

 28, 0, 1

 0, 0, 0

 229, 189, 191


 229, 189, 191

 229, 166, 169

 229, 212, 213

 229, 143, 147

 229, 232, 235

 229, 120, 126

 229, 242, 255

 229, 97, 104

 229, 75, 82

 229, 52, 60

 229, 29, 39

 229, 6, 17

 229, 0, 11

Harmonies

Analogous

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



224, 189, 206



229, 189, 191



226, 196, 178

Triad

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



229, 189, 191



179, 204, 198



176, 193, 226

Complementary

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



229, 189, 191



189, 210, 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.



164, 187, 219



229, 189, 191



171, 194, 207

Square

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



229, 189, 191



173, 202, 171



163, 185, 207



193, 197, 226

Rectangle

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



229, 189, 191



220, 211, 173



163, 185, 207



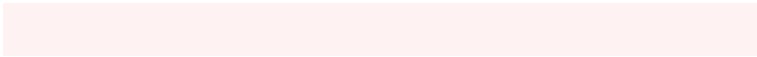
171, 191, 224

Sweetspot

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



229, 189, 191



255, 242, 243



227, 189, 229



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

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



229, 189, 191



255, 201, 204



229, 222, 189



115, 103, 104



179, 0, 9



51, 0, 3

Inverse Universe

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



229, 189, 191



255, 201, 204



189, 203, 229



115, 103, 104



179, 0, 9



51, 0, 3

Previews

White Background



This preview shows how the RYB color 229, 189, 191 looks on a white background.

Color Contrast Check

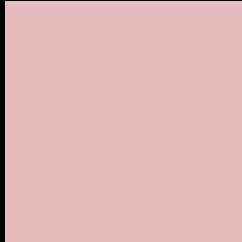
Large Text (above 18pt) WCAG AA × Fail

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, 189, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

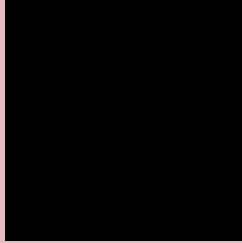
Any Text WCAG AA ✓ Pass

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, 189, 191 Background



This preview shows how black text looks on a background with the RYB color 229, 189, 191.



This preview shows how white text looks on a background with the RYB color 229, 189, 191.

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, 189, 191

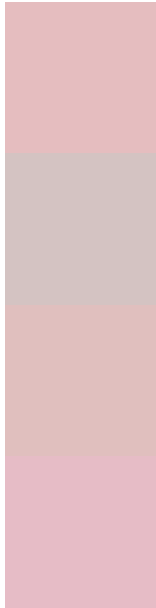
Protanopia
203, 199, 196

Deuteranopia
221, 192, 190



Tritanopia
230, 187, 202

Trichromacy



Original Color
229, 189, 191

Protanomaly
212, 195, 194

Deuteranomaly
224, 191, 190

Tritanomaly
230, 188, 198

Monochromacy



Original Color
229, 189, 191

Achromatopsia
201, 201, 201

Achromatomaly
211, 197, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 189, 191 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, 189, 191) looks like.

```
.text, #text, p{  
    color:rgb(229, 189, 191)  
}
```

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, 189, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 189, 191) }
```

Border

The CSS property to change the border of an element to RYB 229, 189, 191 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, 189, 191) }
```

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

```
.border{ border-color:rgb(229, 189, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 189, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(229, 189,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 229, 189, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 189, 191) }
```

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

```
.background{ background-color: rgb(229,  
189, 191) }
```

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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