

Converting Colors

`RYB(229, 181, 168)`

Have a look what the booklet for RYB(229, 181, 168) contains.

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Color

R_YB(229, 181, 168)

Conversions

Conversions Part 1

Format	Color
Hex	E5B3A8
RGB	229, 179, 168
RGB Percent	90%, 70%, 66%
CMY	0.1020, 0.2992, 0.3412
CMYK	0.00, 0.22, 0.27, 0.10
HSL	11°, 54%, 78%
HSV	11°, 27%, 90%
XYZ	55.4443, 51.6117, 44.0856
YIQ	192.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

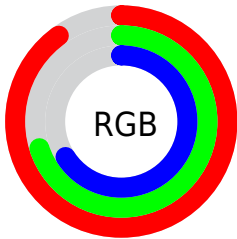
Format	Color
R _Y B	229, 181, 168
Decimal	15053736
CIE Lab	77.05, 16.71, 12.47
CIE LCh	77, 20.846, 36.736
Yxy	51.6117, 0.3668, 0.3415
Android (android.graphics.Color)	4293243816 (0xFFE5B3A8)
YUV	192.6960, -12.1751, 31.8386
Hunter-Lab	71.8413, 12.0369, 13.9054

Details

The RYB color **229, 181, 168** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **168, 195, 229**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 242, 223**, and **172, 128, 116** is the 20% darker color. If you saturate the color by 10%, you get **229, 163, 145**, and if you desaturate by 10%, it is **229, 200, 191**.

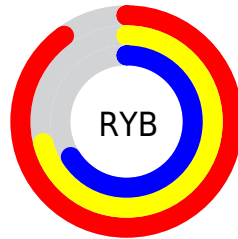
Distribution



Red (90%)

Green (70%)

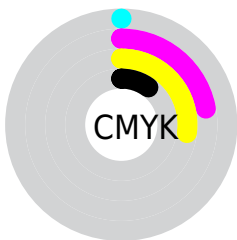
Blue (66%)



Red (90%)

Yellow (71%)

Blue (66%)

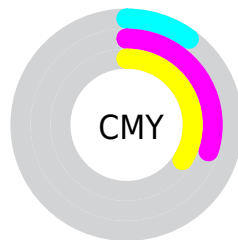


Cyan (0%)

Magenta (22%)

Yellow (27%)

Black (10%)



Cyan (10%)

Magenta (30%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the RYB color 229, 181, 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 RYB color 229, 181, 168 by changing the saturation by 10% instead.

 229, 181, 168

 229, 181, 168

255, 255, 255


 200, 154, 142

 255, 242, 223

 172, 128, 116

252, 255, 252

 145, 103, 91

 119, 79, 68

 93, 54, 46

 68, 33, 25

 45, 13, 0

 10, 0, 0

 0, 0, 0

■ 229, 181, 168

■ 229, 181, 168

■ 229, 163, 145

■ 229, 200, 191

■ 229, 145, 122

■ 229, 216, 214

■ 229, 127, 99

■ 229, 232, 237

■ 229, 109, 76

■ 229, 242, 255

■ 229, 91, 53

■ 229, 242, 255

■ 229, 72, 31

■ 229, 55, 8

■ 229, 48, 0

Harmonies

Analogous

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



230, 177, 186



229, 181, 168



219, 208, 155

Triad

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



229, 181, 168



158, 188, 200



174, 186, 228

Complementary

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



229, 181, 168



168, 195, 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.



151, 179, 225



229, 181, 168



142, 173, 201

Square

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



229, 181, 168



159, 196, 176



138, 172, 213



199, 184, 221

Rectangle

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



229, 181, 168



181, 207, 152



138, 172, 213



165, 184, 228

Sweetspot

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



229, 181, 168



255, 239, 235



229, 168, 219



128, 117, 115



0, 0, 0



128, 128, 128

Same Dimension

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



229, 181, 168



255, 191, 173



198, 229, 168



115, 105, 103



179, 37, 0



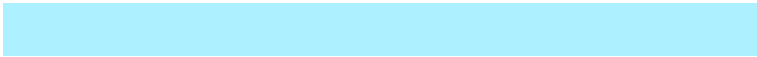
51, 11, 0

Inverse Universe

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



168, 195, 229



173, 210, 255



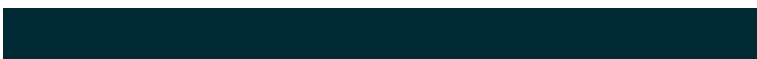
168, 183, 229



103, 108, 115



0, 81, 179



0, 23, 51

Previews

White Background



This preview shows how the RYB color 229, 181, 168 looks on a white background.

Color Contrast Check

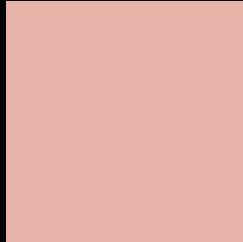
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 229, 181, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

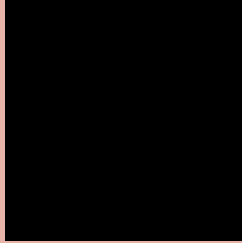
Any Text WCAG AA ✓ Pass

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](#).

RYB 229, 181, 168 Background



This preview shows how black text looks on a background with the RYB color 229, 181, 168.

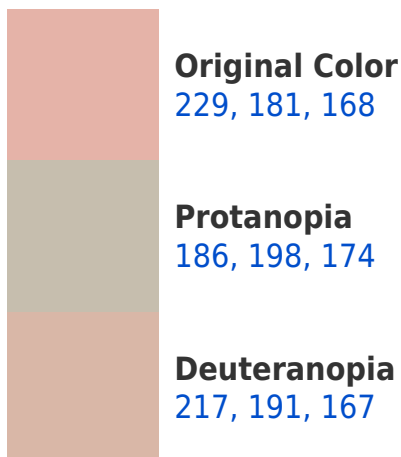



This preview shows how white text looks on a background with the RYB color 229, 181, 168.

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





Tritanopia
231, 176, 189

Trichromacy



Original Color
229, 181, 168

Protanomaly
209, 195, 172

Deuteranomaly
221, 186, 167

Tritanomaly
230, 177, 181

Monochromacy



Original Color
229, 181, 168

Achromatopsia
193, 193, 193

Achromatomaly
206, 189, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 181, 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, 179, 168)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 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, 179, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 168) }
```

Border

The CSS property to change the border of an element to RYB 229, 181, 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, 179, 168) }
```

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

```
.border{ border-color:rgb(229, 179, 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, 179, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 168);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 229, 181, 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, 179, 168) }
```

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

```
.background{ background-color: rgb(229,  
179, 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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