

Converting Colors

`RYB(229, 175, 184)`

Have a look what the booklet for RYB(229, 175, 184) contains.

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Color

R_YB(229, 175, 184)

Conversions

Conversions Part 1

Format	Color
Hex	E5AFB8
RGB	229, 175, 184
RGB Percent	90%, 69%, 72%
CMY	0.1020, 0.3137, 0.2784
CMYK	0.00, 0.24, 0.20, 0.10
HSL	350°, 51%, 79%
HSV	350°, 24%, 90%
XYZ	56.2948, 50.7786, 52.1816
YIQ	192.1720, 29.2950, 14.2470

Conversions

Conversions Part 2

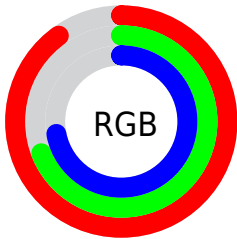
Format	Color
R_{YB}	229, 175, 184
Decimal	15052728
CIE _{Lab}	76.54, 21.00, 3.05
CIE _{LCh}	77, 21.221, 8.256
Yxy	50.7786, 0.3535, 0.3189
Android (android.graphics.Color)	4293242808 (0xFFE5AFB8)
YUV	192.1720, -4.0288, 32.2982
Hunter-Lab	71.2591, 16.3117, 6.4646

Details

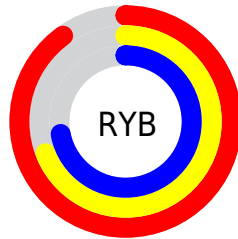
The RYB color **229, 175, 184** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **175, 204, 229**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 231, 240**, and **173, 122, 131** is the 20% darker color. If you saturate the color by 10%, you get **229, 152, 165**, and if you desaturate by 10%, it is **229, 198, 203**.

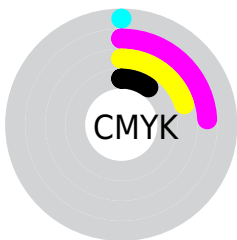
Distribution



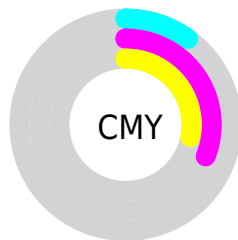
- Red (90%)
- Green (69%)
- Blue (72%)



- Red (90%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the RYB color 229, 175, 184 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, 175, 184 by changing the saturation by 10% instead.

 229, 175, 184

 229, 175, 184

255, 255, 255

 201, 148, 157

 255, 231, 240

 173, 122, 131

 146, 97, 106

 119, 73, 82

 94, 50, 59

 69, 28, 37


 45, 6, 16


 15, 0, 0

 0, 0, 0

 229, 175, 184

 229, 175, 184

 229, 152, 165

 229, 198, 203

 229, 129, 146

 229, 221, 222

 229, 106, 127

 229, 237, 244

 229, 83, 108

 229, 242, 255

 229, 60, 89

 229, 38, 70

 229, 15, 50

 229, 0, 38

Harmonies

Analogous

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



219, 177, 204



229, 175, 184



228, 180, 165

Triad

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



229, 175, 184



158, 195, 177



149, 178, 225

Complementary

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



229, 175, 184



175, 204, 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.



136, 170, 212



229, 175, 184



155, 186, 199

Square

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



229, 175, 184



161, 198, 150



139, 171, 200



173, 185, 227

Rectangle

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



229, 175, 184



221, 197, 156



139, 171, 200



143, 175, 222

Sweetspot

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



229, 175, 184



255, 237, 240



220, 175, 229



128, 117, 119



0, 0, 0



128, 128, 128

Same Dimension

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



229, 175, 184



255, 184, 196



229, 202, 175



115, 103, 105



179, 0, 30



51, 0, 9

Inverse Universe

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



229, 175, 184



255, 184, 195



175, 197, 229



115, 103, 105



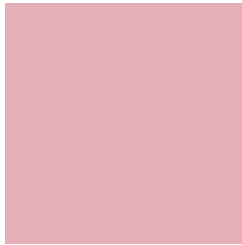
179, 0, 30



51, 0, 8

Previews

White Background



This preview shows how the RYB color 229, 175, 184 looks on a white background.

Color Contrast Check

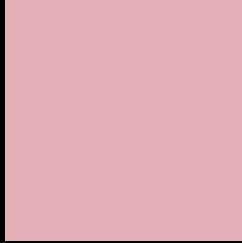
Large Text (above 18pt) WCAG AA × Fail

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, 175, 184 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, 175, 184 Background



This preview shows how black text looks on a background with the RYB color 229, 175, 184.

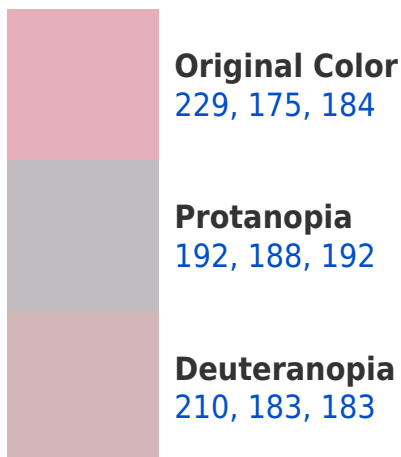


This preview shows how white text looks on a background with the RYB color 229, 175, 184.

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](#).

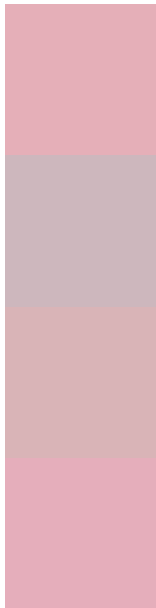
Dichromacy





Tritanopia
229, 174, 188

Trichromacy



Original Color

229, 175, 184

Protanomaly

205, 183, 189

Deuteranomaly

217, 180, 183

Tritanomaly

229, 174, 187

Monochromacy



Original Color

229, 175, 184

Achromatopsia

192, 192, 192

Achromatomaly

205, 186, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 175, 184 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, 175, 184) looks like.

```
.text, #text, p{  
    color:rgb(229, 175, 184)  
}
```

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, 175, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 175, 184) }
```

Border

The CSS property to change the border of an element to RYB 229, 175, 184 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, 175, 184) }
```

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

```
.border{ border-color:rgb(229, 175, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 175, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 175, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 175, 184);  
box-shadow:4px 4px 4px 4px rgb(229, 175,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 229, 175, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 175, 184) }
```

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

```
.background{ background-color: rgb(229,  
175, 184) }
```

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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