

Converting Colors

`RYB(247, 173, 180)`

Have a look what the booklet for
RYB(247, 173, 180) contains.

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Color

R_YB(247, 173, 180)

Conversions

Conversions Part 1

Format	Color
Hex	F7ADB4
RGB	247, 173, 180
RGB Percent	97%, 68%, 71%
CMY	0.0314, 0.3216, 0.2941
CMYK	0.00, 0.30, 0.27, 0.03
HSL	354°, 82%, 82%
HSV	354°, 30%, 97%
XYZ	61.5396, 52.9566, 50.1582
YIQ	195.9240, 41.8570, 17.8650

Conversions

Conversions Part 2

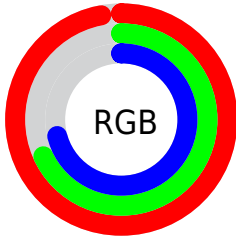
Format	Color
R _Y B	247, 173, 180
Decimal	16231860
CIE Lab	77.85, 28.03, 7.35
CIE LCh	78, 28.979, 14.685
Yxy	52.9566, 0.3738, 0.3216
Android (android.graphics.Color)	4294421940 (0xFFF7ADB4)
YUV	195.9240, -7.8505, 44.7937
Hunter-Lab	72.7713, 23.6001, 10.0738

Details

The RYB color **247, 173, 180** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **173, 212, 247**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 229, 236**, and **189, 120, 127** is the 20% darker color. If you saturate the color by 10%, you get **247, 148, 158**, and if you desaturate by 10%, it is **247, 198, 202**.

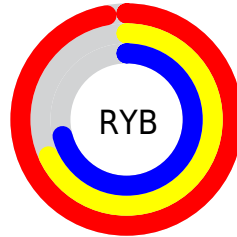
Distribution



Red (97%)

Green (68%)

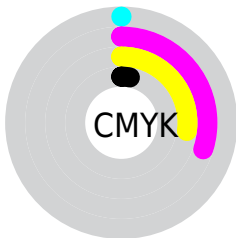
Blue (71%)



Red (97%)

Yellow (68%)

Blue (71%)

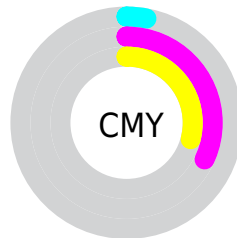


Cyan (0%)

Magenta (30%)

Yellow (27%)

Black (3%)



Cyan (3%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 173, 180 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 247, 173, 180 by changing the saturation by 10% instead.

 247, 173, 180


255, 255, 255

 255, 229, 236

 247, 173, 180


 218, 146, 153

 189, 120, 127

 161, 95, 102

 134, 70, 78


 107, 46, 56

 81, 23, 34

 56, 0, 12

 33, 0, 1


 0, 0, 0

 247, 173, 180

 247, 173, 180

 247, 148, 158

 247, 198, 202

 247, 124, 135

 247, 222, 225

 247, 99, 113

 247, 247, 247

 247, 74, 91

 247, 251, 255

 247, 50, 68

 247, 25, 46

 247, 0, 23

Harmonies

Analogous

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



237, 174, 207



247, 173, 180



242, 186, 156

Triad

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



247, 173, 180



154, 202, 188



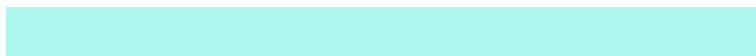
140, 178, 244

Complementary

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



247, 173, 180



173, 212, 247

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.



115, 165, 229



247, 173, 180



138, 182, 207

Square

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



247, 173, 180



143, 198, 140



115, 162, 208



178, 188, 244

Rectangle

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



247, 173, 180



231, 213, 145



115, 162, 208



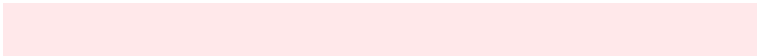
129, 173, 240

Sweetspot

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



247, 173, 180



255, 232, 234



240, 173, 247



128, 113, 115



0, 0, 0



128, 128, 128

Same Dimension

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



247, 173, 180



255, 163, 172



247, 223, 173



122, 110, 111



186, 0, 18



59, 0, 6

Inverse Universe

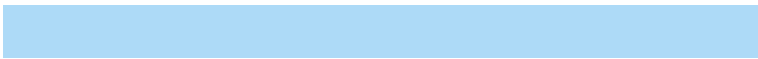
The Inverse Universe completely reimagines the original color for something new.



247, 173, 180



255, 163, 172



173, 201, 247



122, 110, 111



186, 0, 18



59, 0, 6

Previews

White Background



This preview shows how the RYB color 247, 173, 180 looks on a white background.

Color Contrast Check

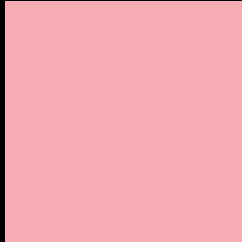
Large Text (above 18pt) WCAG AA × Fail

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 247, 173, 180 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 247, 173, 180 Background



This preview shows how black text looks on a background with the RYB color 247, 173, 180.

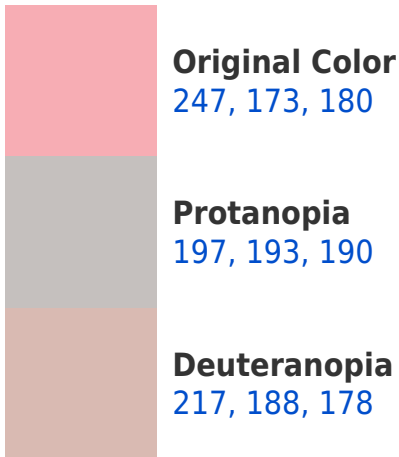


This preview shows how white text looks on a background with the RYB color 247, 173, 180.

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
248, 172, 185

Trichromacy



Original Color

247, 173, 180



Protanomaly

215, 185, 186



Deuteranomaly

228, 181, 179



Tritanomaly

248, 172, 183

Monochromacy



Original Color

247, 173, 180



Achromatopsia

196, 196, 196



Achromatomaly

215, 188, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 173, 180 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(247, 173, 180)` looks like.

```
.text, #text, p{  
    color:rgb(247, 173, 180)  
}
```

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(247, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 180) }
```

Border

The CSS property to change the border of an element to RYB 247, 173, 180 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(247, 173, 180) }
```

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

```
.border{ border-color:rgb(247, 173, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 173, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 247, 173, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 173, 180) }
```

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

```
.background{ background-color: rgb(247,  
173, 180) }
```

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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