

Converting Colors

`RYB(255, 187, 179)`

Have a look what the booklet for
RYB(255, 187, 179) contains.

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Color

`RYB(255, 187, 179)`

Conversions

Conversions Part 1

Format	Color
Hex	FFBAB3
RGB	255, 186, 179
RGB Percent	100%, 73%, 70%
CMY	0.0000, 0.2697, 0.2980
CMYK	0.00, 0.27, 0.30, 0.00
HSL	6°, 100%, 85%
HSV	6°, 30%, 100%
XYZ	66.9858, 59.7329, 50.6469
YIQ	205.8330, 43.3710, 12.4510

Conversions

Conversions Part 2

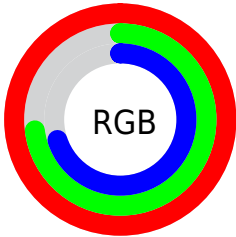
Format	Color
R _Y B	255, 187, 179
Decimal	16759475
CIE Lab	81.69, 23.87, 13.47
CIE LCh	82, 27.408, 29.444
Yxy	59.7329, 0.3777, 0.3368
Android (android.graphics.Color)	4294949555 (0xFFFFBAB3)
YUV	205.8330, -13.2287, 43.1195
Hunter-Lab	77.2871, 19.4561, 15.2477

Details

The RYB color **255, 187, 179** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **179, 215, 255**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 246, 235**, and **197, 133, 126** is the 20% darker color. If you saturate the color by 10%, you get **255, 164, 153**, and if you desaturate by 10%, it is **255, 210, 204**.

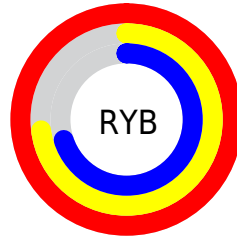
Distribution



Red (100%)

Green (73%)

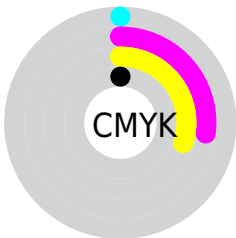
Blue (70%)



Red (100%)

Yellow (73%)

Blue (70%)

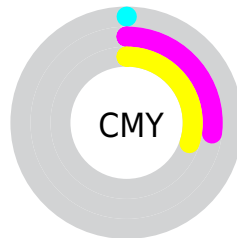


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 187, 179 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 255, 187, 179 by changing the saturation by 10% instead.

 255, 187, 179

255, 255, 255


 255, 248, 235


 255, 187, 179

 226, 160, 152


 197, 134, 126

 169, 108, 101

 141, 82, 77

 114, 59, 55

 88, 36, 33

 63, 13, 11

 41, 0, 0

 0, 0, 0

■ 255, 187, 179

■ 255, 187, 179

■ 255, 164, 153

■ 255, 210, 204

■ 255, 141, 128

■ 255, 232, 230

■ 255, 119, 102

255, 255, 255

■ 255, 96, 77

■ 255, 73, 51

■ 255, 50, 26

■ 255, 28, 0

■ 255, 26, 0

Harmonies

Analogous

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



253, 185, 204



255, 187, 179



244, 214, 160

Triad

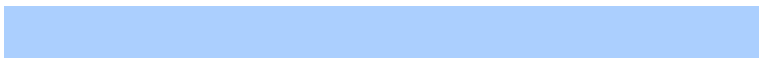
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 187, 179



166, 207, 215



171, 196, 254

Complementary

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



255, 187, 179



179, 215, 255

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.



141, 184, 246



255, 187, 179



140, 183, 218

Square

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



255, 187, 179



158, 209, 172



128, 175, 227



207, 197, 248

Rectangle

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



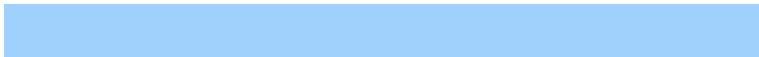
255, 187, 179



210, 231, 153



128, 175, 227



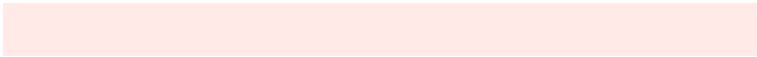
160, 192, 253

Sweetspot

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



255, 187, 179



255, 234, 232



255, 179, 249



128, 115, 113



0, 0, 0



128, 128, 128

Same Dimension

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



255, 187, 179



255, 173, 163



234, 255, 179



128, 116, 115



191, 20, 0



64, 7, 0

Inverse Universe

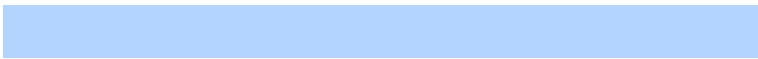
The Inverse Universe completely reimagines the original color for something new.



179, 215, 255



163, 207, 255



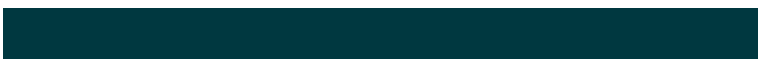
179, 202, 255



115, 121, 128



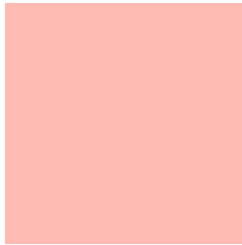
0, 91, 191



0, 30, 64

Previews

White Background



This preview shows how the RYB color 255, 187, 179 looks on a white background.

Color Contrast Check

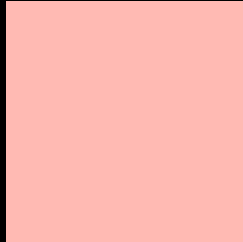
Large Text (above 18pt) WCAG AA × Fail

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 255, 187, 179 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](#).

R Y B 255, 187, 179 Background



This preview shows how black text looks on a background with the RYB color 255, 187, 179.

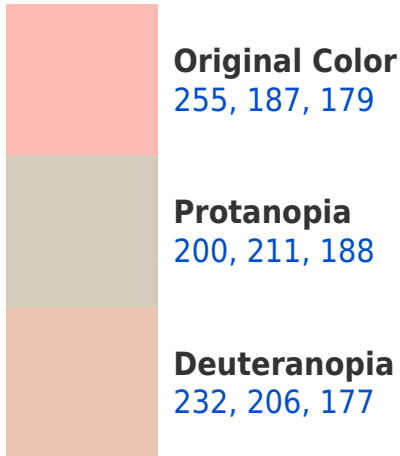



This preview shows how white text looks on a background with the RYB color 255, 187, 179.

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
255, 184, 198

Trichromacy



Original Color

255, 187, 179



Protanomaly

227, 202, 185



Deuteranomaly

240, 196, 178



Tritanomaly

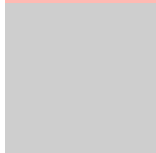
255, 185, 191

Monochromacy



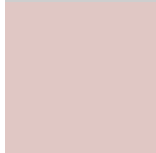
Original Color

255, 187, 179



Achromatopsia

206, 206, 206



Achromatomaly

224, 199, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 187, 179 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(255, 186, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 179)  
}
```

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(255, 186, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 179) }
```

Border

The CSS property to change the border of an element to RYB 255, 187, 179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

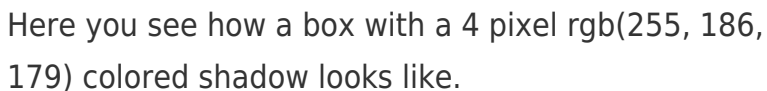
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 186, 179) }
```

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

```
.border{ border-color:rgb(255, 186, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 186, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 255, 187, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 179) }
```

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

```
.background{ background-color: rgb(255,  
186, 179) }
```

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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