

Converting Colors

`RYB(255, 181, 180)`

Have a look what the booklet for
RYB(255, 181, 180) contains.

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Color

R_YB(255, 181, 180)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5B4
RGB	255, 181, 180
RGB Percent	100%, 71%, 71%
CMY	0.0000, 0.2902, 0.2941
CMYK	0.00, 0.29, 0.29, 0.00
HSL	1°, 100%, 85%
HSV	1°, 29%, 100%
XYZ	65.9994, 57.5977, 50.8189
YIQ	203.0120, 44.4250, 15.3770

Conversions

Conversions Part 2

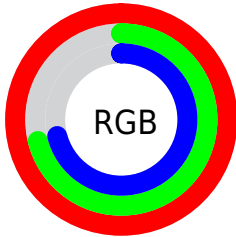
Format	Color
R _Y B	255, 181, 180
Decimal	16758196
CIE Lab	80.51, 26.75, 11.27
CIE LCh	81, 29.027, 22.839
Yxy	57.5977, 0.3784, 0.3302
Android (android.graphics.Color)	4294948276 (0xFFFFB5B4)
YUV	203.0120, -11.3449, 45.5935
Hunter-Lab	75.8931, 22.4171, 13.4239

Details

The RYB color **255, 181, 180** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **180, 217, 255**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 237, 236**, and **197, 128, 127** is the 20% darker color. If you saturate the color by 10%, you get **255, 156, 155**, and if you desaturate by 10%, it is **255, 206, 206**.

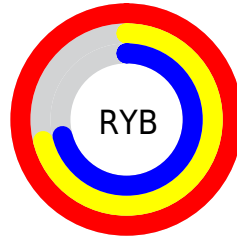
Distribution



Red (100%)

Green (71%)

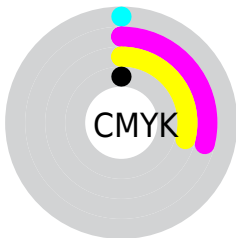
Blue (71%)



Red (100%)

Yellow (71%)

Blue (71%)

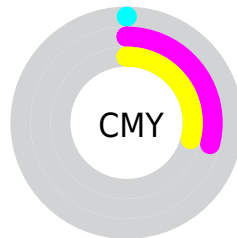


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 181, 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 255, 181, 180 by changing the saturation by 10% instead.


 255, 181, 180

 255, 181, 180

255, 255, 255

 226, 154, 153

 255, 237, 236

 197, 128, 127

 168, 102, 102

 141, 77, 78

 114, 54, 56

 88, 30, 34


 62, 6, 12

 41, 0, 1

 0, 0, 0

 255, 181, 180

 255, 181, 180

 255, 156, 155

 255, 206, 206

 255, 131, 129

 255, 231, 231

 255, 105, 104

255, 255, 255

 255, 80, 78

 255, 55, 53

 255, 30, 27

 255, 5, 2

 255, 3, 0

Harmonies

Analogous

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



249, 181, 207



255, 181, 180



246, 201, 158

Triad

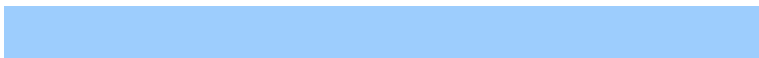
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 181, 180



166, 211, 210



157, 189, 253

Complementary

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



255, 181, 180



180, 217, 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.



127, 176, 242



255, 181, 180



138, 183, 215

Square

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



255, 181, 180



149, 205, 156



120, 169, 220



195, 195, 250

Rectangle

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



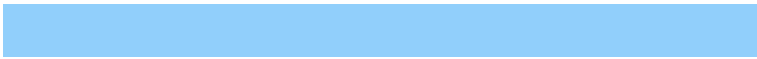
255, 181, 180



228, 234, 149



120, 169, 220



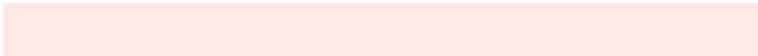
145, 184, 251

Sweetspot

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



255, 181, 180



255, 232, 232



255, 180, 255



128, 114, 113



0, 0, 0



128, 128, 128

Same Dimension

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



255, 181, 180



255, 167, 166



253, 255, 180



128, 115, 115



191, 3, 0



64, 1, 0

Inverse Universe

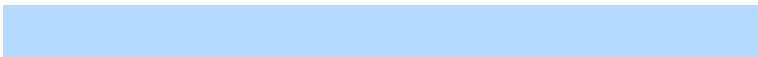
The Inverse Universe completely reimagines the original color for something new.



180, 217, 255



166, 210, 255



180, 205, 255



115, 121, 128



0, 95, 191



0, 32, 64

Previews

White Background



This preview shows how the RYB color 255, 181, 180 looks on a white background.

Color Contrast Check

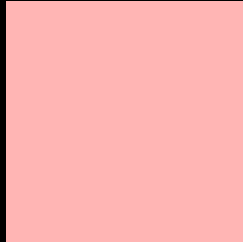
Large Text (above 18pt) WCAG AA × Fail

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 255, 181, 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 255, 181, 180 Background



This preview shows how black text looks on a background with the RYB color 255, 181, 180.



This preview shows how white text looks on a background with the RYB color 255, 181, 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



Original Color
255, 181, 180

Protanopia
202, 206, 190

Deuteranopia
228, 199, 178



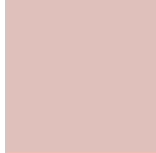
Tritanopia
255, 180, 193

Trichromacy



Original Color

255, 181, 180



Protanomaly

224, 193, 186



Deuteranomaly

238, 191, 179



Tritanomaly

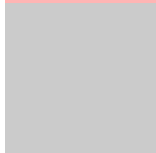
255, 180, 188

Monochromacy



Original Color

255, 181, 180



Achromatopsia

203, 203, 203



Achromatomaly

222, 195, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 181, 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(255, 181, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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(255, 181, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 180) }
```

Border

The CSS property to change the border of an element to RYB 255, 181, 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(255, 181, 180) }
```

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

```
.border{ border-color:rgb(255, 181, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 255, 181, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 180) }
```

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

```
.background{ background-color: rgb(255,  
181, 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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