

Converting Colors

RGB(255, 178, 180)

Have a look what the booklet for
RGB(255, 178, 180) contains.

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Color

RGB(255, 178, 180)

Conversions

Conversions Part 1	
Format	Color
Hex	FFB2B4
RGB	255, 178, 180
RGB Percent	100%, 70%, 71%
CMY	0.0000, 0.3020, 0.2941
CMYK	0.00, 0.30, 0.29, 0.00
HSL	358°, 100%, 85%
HSV	358°, 30%, 100%
XYZ	65.3986, 56.3961, 50.6187
YIQ	201.2510, 45.2500, 16.9460

Conversions

Conversions Part 2

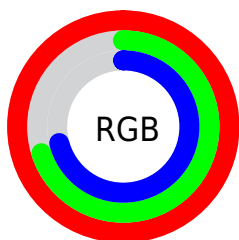
Format	Color
RYB	255, 178, 180
Decimal	16757428
CIELab	79.84, 28.32, 10.31
CIELCh	80, 30.134, 19.998
Yxy	56.3961, 0.3793, 0.3271
Android (android.graphics.Color)	4294947508 (0xFFFFB2B4)
YUV	201.2510, -10.4767, 47.1379
Hunter-Lab	75.0973, 24.0267, 12.6042

Details

The RGB color **255, 178, 180** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **178, 255, 253**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 234, 236**, and **197, 125, 127** is the 20% darker color. If you saturate the color by 10%, you get **255, 152, 155**, and if you desaturate by 10%, it is **255, 203, 205**.

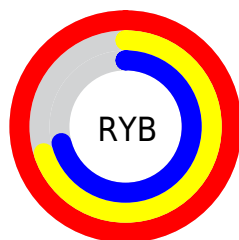
Distribution



Red (100%)

Green (70%)

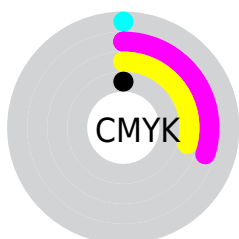
Blue (71%)



Red (100%)

Yellow (70%)

Blue (71%)

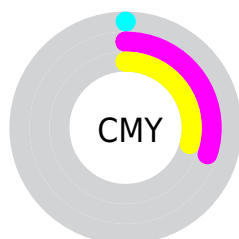


Cyan (0%)

Magenta (30%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 255, 178, 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 RGB color 255, 178, 180 by changing the saturation by 10% instead.

 255, 178, 180

255, 255, 255

 255, 234, 236

 255, 178, 180

 226, 151, 153

 197, 125, 127

 168, 99, 102

 141, 74, 78

 114, 51, 56

 87, 27, 34


 62, 3, 12

 41, 0, 1

 0, 0, 0

 255, 178, 180


 255, 178, 180

 255, 152, 155

 255, 203, 205

 255, 127, 130

 255, 229, 230

 255, 101, 105

255, 255, 255

 255, 76, 81

255, 255, 255

 255, 50, 56

 255, 25, 31

 255, 0, 7

Harmonies

Analogous

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



248, 178, 209



255, 178, 180



247, 184, 156

Triad

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



255, 178, 180



167, 209, 161



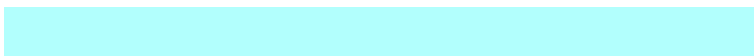
149, 203, 253

Complementary

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



255, 178, 180



178, 255, 253

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.



119, 210, 240



255, 178, 180



135, 213, 187

Square

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



255, 178, 180



199, 202, 145



114, 213, 216



189, 194, 250

Rectangle

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



255, 178, 180



235, 190, 146



114, 213, 216



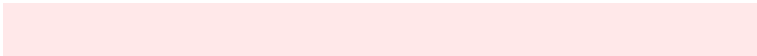
137, 206, 250

Sweetspot

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



255, 178, 180



255, 232, 233



252, 178, 255



128, 113, 114



0, 0, 0



128, 128, 128

Same Dimension

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



255, 178, 180



255, 163, 166



255, 214, 178



128, 115, 115



191, 0, 5



64, 0, 2

Inverse Universe

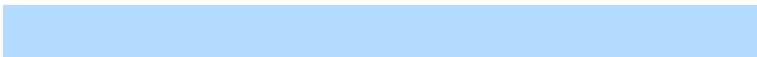
The Inverse Universe completely reimagines the original color for something new.



255, 178, 180



255, 163, 166



178, 219, 255



128, 115, 115



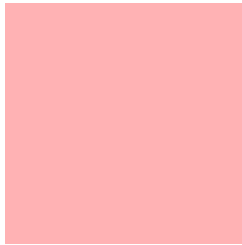
191, 0, 5



64, 0, 2

Previews

White Background



This preview shows how the RGB color 255, 178, 180 looks on a white background.

Color Contrast Check

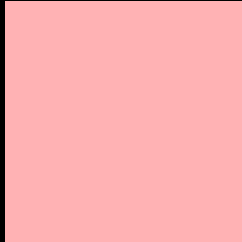
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 255, 178, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

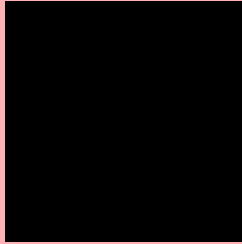
Any Text WCAG AA ✓ Pass

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](#).

RGB 255, 178, 180 Background



This preview shows how black text looks on a background with the RGB color 255, 178, 180.



This preview shows how white text looks on a background with the RGB color 255, 178, 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, 178, 180

Protanopia

204, 197, 190





Deuteranopia

225, 191, 178






Tritanopia
255, 177, 190

Trichromacy

	Original Color 255, 178, 180
	Protanomaly 223, 190, 186
	Deuteranomaly 236, 186, 179
	Tritanomaly 255, 177, 186

Monochromacy

	Original Color 255, 178, 180
	Achromatopsia 201, 201, 201
	Achromatomaly 221, 193, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 178, 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, 178, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 180) }
```

Border

The CSS property to change the border of an element to RGB 255, 178, 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, 178, 180) }
```

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

```
.border{ border-color:rgb(255, 178, 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, 178, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 255, 178, 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, 178, 180) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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