

Converting Colors

`RYB(245, 188, 194)`

Have a look what the booklet for RYB(245, 188, 194) contains.

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Color

R_YB(245, 188, 194)

Conversions

Conversions Part 1

Format	Color
Hex	F5BCC2
RGB	245, 188, 194
RGB Percent	96%, 74%, 76%
CMY	0.0392, 0.2627, 0.2392
CMYK	0.00, 0.23, 0.21, 0.04
HSL	354°, 74%, 85%
HSV	354°, 23%, 96%
XYZ	65.3770, 59.2740, 59.0342
YIQ	205.7270, 32.0460, 13.9500

Conversions

Conversions Part 2

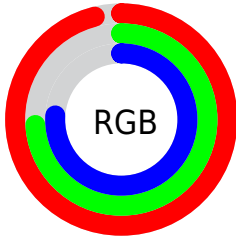
Format	Color
R _Y B	245, 188, 194
Decimal	16104642
CIE Lab	81.44, 21.36, 4.92
CIE LCh	81, 21.917, 12.971
Yxy	59.2740, 0.3559, 0.3227
Android (android.graphics.Color)	4294294722 (0xFFF5BCC2)
YUV	205.7270, -5.7814, 34.4424
Hunter-Lab	76.9896, 16.8445, 8.4302

Details

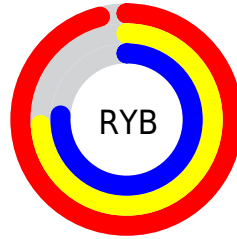
The RYB color **245, 188, 194** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **188, 218, 245**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 244, 250**, and **188, 134, 140** is the 20% darker color. If you saturate the color by 10%, you get **245, 164, 172**, and if you desaturate by 10%, it is **245, 213, 216**.

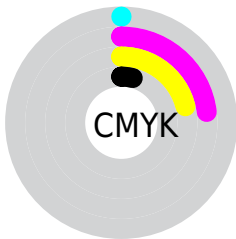
Distribution



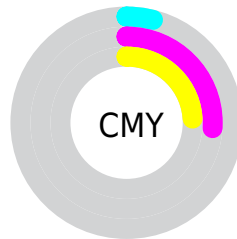
- Red (96%)
- Green (74%)
- Blue (76%)



- Red (96%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (4%)



- Cyan (4%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 188, 194 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 245, 188, 194 by changing the saturation by 10% instead.

 245, 188, 194


255, 255, 255

 255, 244, 250

 245, 188, 194

 216, 161, 167

 188, 134, 140

 160, 109, 115

 133, 84, 90

 107, 61, 67

 82, 38, 45


 57, 16, 24

 38, 0, 0

 0, 0, 0

 245, 188, 194

 245, 188, 194

 245, 164, 172


 245, 213, 216

 245, 139, 150

 245, 237, 238

 245, 115, 128

 245, 250, 255

 245, 90, 106

 245, 66, 84

 245, 41, 62

 245, 17, 41

 245, 0, 26

Harmonies

Analogous

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



236, 189, 215



245, 188, 194



242, 196, 175

Triad

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



245, 188, 194



172, 210, 196



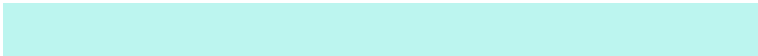
165, 192, 241

Complementary

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



245, 188, 194



188, 218, 245

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.



148, 184, 230



245, 188, 194



163, 195, 213

Square

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



245, 188, 194



168, 209, 162



149, 182, 214



191, 199, 242

Rectangle

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



245, 188, 194



234, 217, 166



149, 182, 214



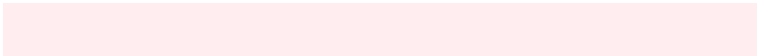
158, 190, 238

Sweetspot

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



245, 188, 194



255, 237, 239



238, 188, 245



128, 117, 118



0, 0, 0



128, 128, 128

Same Dimension

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



245, 188, 194



255, 184, 191



245, 224, 188



122, 110, 111



186, 0, 20



59, 0, 6

Inverse Universe

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



245, 188, 194



255, 184, 191



188, 210, 245



122, 110, 111



186, 0, 20



59, 0, 6

Previews

White Background



This preview shows how the RYB color 245, 188, 194 looks on a white background.

Color Contrast Check

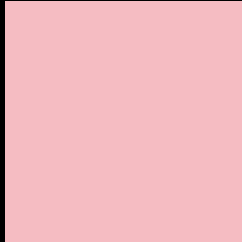
Large Text (above 18pt) WCAG AA × Fail

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 245, 188, 194 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 245, 188, 194 Background



This preview shows how black text looks on a background with the RYB color 245, 188, 194.

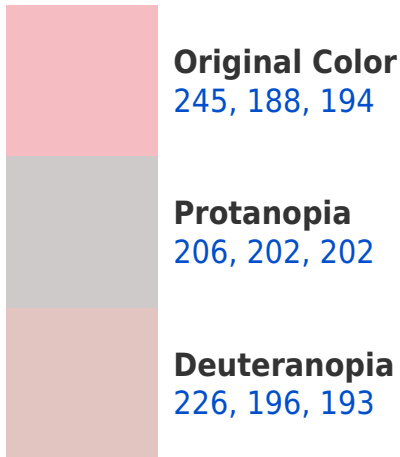



This preview shows how white text looks on a background with the RYB color 245, 188, 194.

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](#).

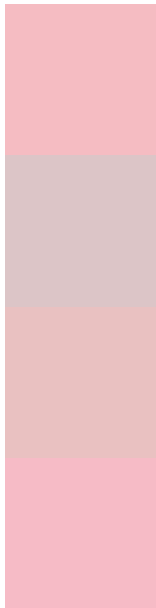
Dichromacy





Tritanopia
246, 187, 201

Trichromacy



Original Color
245, 188, 194

Protanomaly
220, 197, 199

Deuteranomaly
233, 193, 193

Tritanomaly
246, 187, 198

Monochromacy



Original Color
245, 188, 194

Achromatopsia
206, 206, 206

Achromatomaly
220, 199, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 188, 194 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(245, 188, 194) looks like.

```
.text, #text, p{  
    color:rgb(245, 188, 194)  
}
```

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(245, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 188, 194) }
```

Border

The CSS property to change the border of an element to RYB 245, 188, 194 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(245, 188, 194) }
```

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

```
.border{ border-color:rgb(245, 188, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 188, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 188, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 188, 194);  
box-shadow:4px 4px 4px 4px rgb(245, 188,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 245, 188, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 188, 194) }
```

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

```
.background{ background-color: rgb(245,  
188, 194) }
```

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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