

Converting Colors

`RYB(245, 184, 195)`

Have a look what the booklet for RYB(245, 184, 195) contains.

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Color

R_YB(245, 184, 195)

Conversions

Conversions Part 1

Format	Color
Hex	F5B8C3
RGB	245, 184, 195
RGB Percent	96%, 72%, 76%
CMY	0.0392, 0.2784, 0.2353
CMYK	0.00, 0.25, 0.20, 0.04
HSL	349°, 75%, 84%
HSV	349°, 25%, 96%
XYZ	64.6470, 57.6336, 59.3469
YIQ	203.4930, 32.8250, 16.3530

Conversions

Conversions Part 2

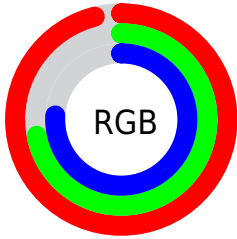
Format	Color
R _Y B	245, 184, 195
Decimal	16103619
CIE Lab	80.53, 23.62, 3.07
CIE LCh	81, 23.818, 7.400
Yxy	57.6336, 0.3559, 0.3173
Android (android.graphics.Color)	4294293699 (0xFFFF5B8C3)
YUV	203.4930, -4.1870, 36.4016
Hunter-Lab	75.9168, 19.1474, 6.7926

Details

The RYB color **245, 184, 195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **184, 218, 245**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **255, 240, 251**, and **188, 131, 141** is the 20% darker color. If you saturate the color by 10%, you get **245, 160, 175**, and if you desaturate by 10%, it is **245, 209, 215**.

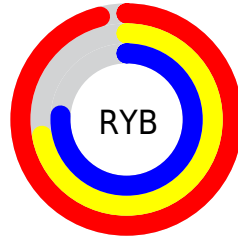
Distribution



Red (96%)

Green (72%)

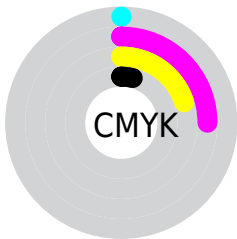
Blue (76%)



Red (96%)

Yellow (72%)

Blue (76%)

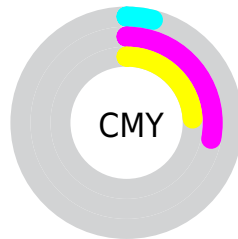


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (4%)



Cyan (4%)

Magenta (28%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 184, 195 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, 184, 195 by changing the saturation by 10% instead.

 245, 184, 195


255, 255, 255

 255, 240, 251

 245, 184, 195

 216, 157, 168

 188, 131, 141

 160, 105, 116

 133, 80, 91

 107, 57, 68

 82, 34, 46


 57, 12, 25

 38, 0, 1

 0, 0, 0

 245, 184, 195

 245, 184, 195

 245, 160, 175

 245, 209, 215

 245, 135, 155

 245, 233, 235

 245, 110, 135

 245, 250, 255

 245, 86, 115

 245, 61, 95

 245, 37, 75

 245, 12, 54

 245, 0, 44

Harmonies

Analogous

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



233, 186, 217



245, 184, 195



244, 190, 174

Triad

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



245, 184, 195



164, 207, 185



153, 186, 240

Complementary

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



245, 184, 195



184, 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.



138, 178, 226



245, 184, 195



161, 196, 211

Square

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



245, 184, 195



170, 211, 156



143, 180, 213



181, 196, 244

Rectangle

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



245, 184, 195



237, 206, 163



143, 180, 213



147, 184, 237

Sweetspot

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



245, 184, 195



255, 237, 240



234, 184, 245



128, 117, 119



0, 0, 0



128, 128, 128

Same Dimension

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



245, 184, 195



255, 179, 192



245, 212, 184



122, 110, 112



186, 0, 34



59, 0, 11

Inverse Universe

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



245, 184, 195



255, 179, 192



184, 209, 245



122, 110, 112



186, 0, 34



59, 0, 11

Previews

White Background



This preview shows how the RYB color 245, 184, 195 looks on a white background.

Color Contrast Check

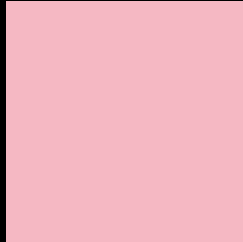
Large Text (above 18pt) WCAG AA × Fail

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, 184, 195 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, 184, 195 Background



This preview shows how black text looks on a background with the RYB color 245, 184, 195.

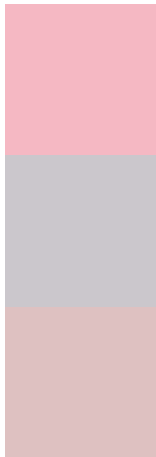


This preview shows how white text looks on a background with the RYB color 245, 184, 195.

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
245, 184, 195

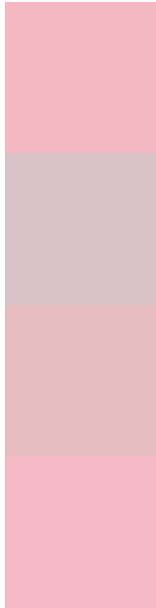
Protanopia
203, 199, 204

Deuteranopia
222, 193, 193



Tritanopia
245, 184, 198

Trichromacy



Original Color
245, 184, 195

Protanomaly
218, 194, 201

Deuteranomaly
230, 190, 194

Tritanomaly
245, 184, 197

Monochromacy



Original Color
245, 184, 195

Achromatopsia
203, 203, 203

Achromatomaly
218, 196, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 184, 195 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, 184, 195) looks like.

```
.text, #text, p{  
    color:rgb(245, 184, 195)  
}
```

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, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 184, 195) }
```

Border

The CSS property to change the border of an element to RYB 245, 184, 195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

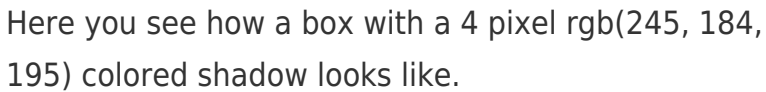
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 184, 195) }
```

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

```
.border{ border-color:rgb(245, 184, 195) }
```

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



Here you see how a box with a 4 pixel rgb(245, 184, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(245, 184,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 245, 184, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 184, 195) }
```

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

```
.background{ background-color: rgb(245,  
184, 195) }
```

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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