

Converting Colors

`RYB(244, 193, 198)`

Have a look what the booklet for RYB(244, 193, 198) contains.

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Color

R_YB(244, 193, 198)

Conversions

Conversions Part 1

Format	Color
Hex	F4C1C6
RGB	244, 193, 198
RGB Percent	96%, 76%, 78%
CMY	0.0431, 0.2431, 0.2235
CMYK	0.00, 0.21, 0.19, 0.04
HSL	354°, 70%, 86%
HSV	354°, 21%, 96%
XYZ	66.5712, 61.4502, 61.7785
YIQ	208.8190, 28.7910, 12.3670

Conversions

Conversions Part 2

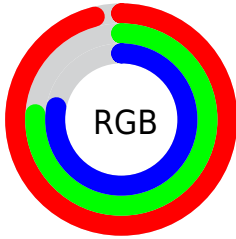
Format	Color
RYB	244, 193, 198
Decimal	16040390
CIELab	82.62, 18.95, 4.46
CIElCh	83, 19.468, 13.249
Yxy	61.4502, 0.3507, 0.3238
Android (android.graphics.Color)	4294230470 (0xFFFF4C1C6)
YUV	208.8190, -5.3338, 30.8537
Hunter-Lab	78.3902, 14.4045, 8.1473

Details

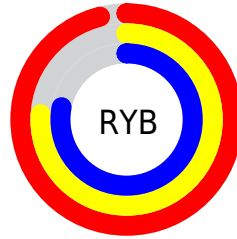
The RYB color **244, 193, 198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **193, 220, 244**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 250, 255, and **187, 139, 144** is the 20% darker color. If you saturate the color by 10%, you get **244, 169, 176**, and if you desaturate by 10%, it is **244, 217, 220**.

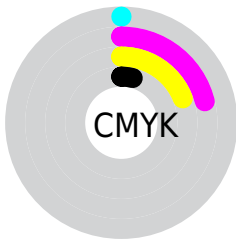
Distribution



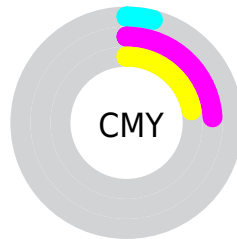
- Red (96%)
- Green (76%)
- Blue (78%)



- Red (96%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (4%)



- Cyan (4%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 244, 193, 198 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 244, 193, 198 by changing the saturation by 10% instead.


 244, 193, 198

255, 255, 255

 255, 250, 255

 244, 193, 198

 215, 166, 171

 187, 139, 144

 160, 114, 119

 133, 89, 94


 107, 65, 70

 82, 42, 48


 58, 21, 27

 38, 0, 0

 0, 0, 0

 244, 193, 198


 244, 193, 198

 244, 169, 176

 244, 217, 220

 244, 144, 154

 244, 242, 242

 244, 120, 132

 244, 250, 255

 244, 95, 110

 244, 71, 88

 244, 47, 66

 244, 22, 44

 244, 0, 24

Harmonies

Analogous

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



236, 194, 217



244, 193, 198



241, 201, 181

Triad

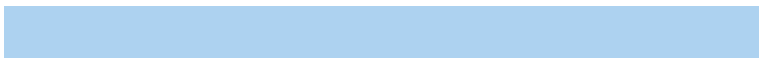
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244, 193, 198



179, 212, 200



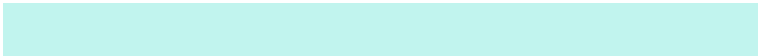
173, 197, 240

Complementary

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



244, 193, 198



193, 220, 244

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.



159, 190, 230



244, 193, 198



171, 201, 216

Square

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



244, 193, 198



176, 212, 170



159, 188, 216



196, 203, 241

Rectangle

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



244, 193, 198



234, 217, 174



159, 188, 216



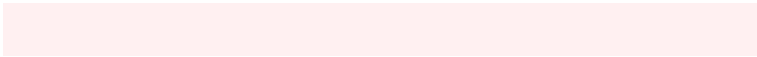
167, 195, 238

Sweetspot

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



244, 193, 198



255, 240, 241



239, 193, 244



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



244, 193, 198



255, 191, 197



244, 226, 193



122, 110, 111



186, 0, 18



59, 0, 6

Inverse Universe

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



244, 193, 198



255, 191, 197



193, 212, 244



122, 110, 111



186, 0, 18



59, 0, 6

Previews

White Background



This preview shows how the RYB color 244, 193, 198 looks on a white background.

Color Contrast Check

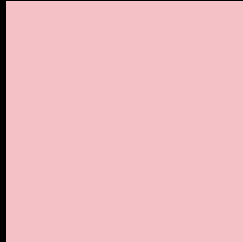
Large Text (above 18pt) WCAG AA × Fail

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 244, 193, 198 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 244, 193, 198 Background



This preview shows how black text looks on a background with the RYB color 244, 193, 198.



This preview shows how white text looks on a background with the RYB color 244, 193, 198.

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
244, 193, 198

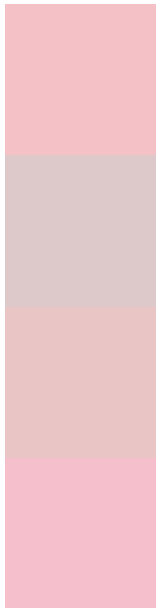
Protanopia
210, 205, 205

Deuteranopia
229, 199, 197



Tritanopia
245, 192, 206

Trichromacy



Original Color

244, 193, 198

Protanomaly

222, 201, 202

Deuteranomaly

234, 197, 197

Tritanomaly

245, 192, 203

Monochromacy



Original Color

244, 193, 198

Achromatopsia

209, 209, 209

Achromatomaly

222, 203, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 193, 198 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(244, 193, 198) looks like.

```
.text, #text, p{  
    color:rgb(244, 193, 198)  
}
```

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(244, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 193, 198) }
```

Border

The CSS property to change the border of an element to RYB 244, 193, 198 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(244, 193, 198) }
```

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

```
.border{ border-color:rgb(244, 193, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(244, 193,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 244, 193, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 193, 198) }
```

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

```
.background{ background-color: rgb(244,  
193, 198) }
```

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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