

Converting Colors

`RYB(242, 198, 208)`

Have a look what the booklet for
RYB(242, 198, 208) contains.

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Color

`RYB(242, 198, 208)`

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | F2C6D0 |
| RGB | 242, 198, 208 |
| RGB Percent | 95%, 78%, 82% |
| CMY | 0.0510, 0.2235, 0.1843 |
| CMYK | 0.00, 0.18, 0.14, 0.05 |
| HSL | 346°, 63%, 86% |
| HSV | 346°, 18%, 95% |
| XYZ | 68.1972, 63.8195, 68.3985 |
| YIQ | 212.2960, 23.0140, 12.4380 |

Conversions

Conversions Part 2

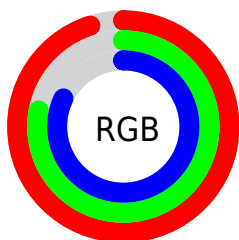
| Format | Color |
|-------------------------------------|---|
| RYB | 242, 198, 208 |
| Decimal | 15910608 |
| CIELab | 83.87, 17.14, 0.91 |
| CIELCh | 84, 17.166, 3.023 |
| Yxy | 63.8195, 0.3403, 0.3184 |
| Android (android.graphics.Color) | 4294100688 (0xFFFF2C6D0) |
| YUV | 212.2960, -2.1179, 26.0504 |
| Hunter-Lab | 79.8871, 12.5776, 5.1575 |

Details

The RYB color **242, 198, 208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **198, 223, 242**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is 255, 255, 255, and **185, 144, 154** is the 20% darker color. If you saturate the color by 10%, you get **242, 174, 189**, and if you desaturate by 10%, it is **242, 222, 227**.

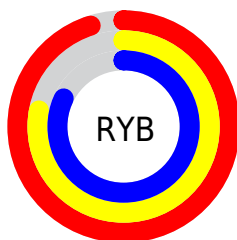
Distribution



Red (95%)

Green (78%)

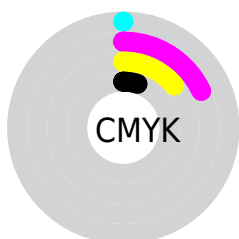
Blue (82%)



Red (95%)

Yellow (78%)

Blue (82%)

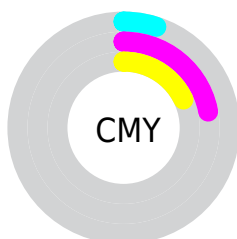


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (5%)



Cyan (5%)


Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 198, 208 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 242, 198, 208 by changing the saturation by 10% instead.

 242, 198, 208

255, 255, 255

 242, 198, 208


 213, 171, 180

 185, 144, 154

 158, 118, 128

 132, 93, 103


 106, 70, 79


 81, 47, 56

 57, 25, 35

 37, 1, 13


 0, 0, 0

 242, 198, 208

 242, 198, 208

 242, 174, 189


 242, 222, 227


 242, 150, 171

 242, 244, 246

 242, 125, 152

 242, 249, 255

 242, 101, 133

 242, 77, 114

 242, 53, 96

 242, 29, 77

 242, 4, 58

 242, 0, 55

Harmonies

Analogous

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



232, 200, 224



242, 198, 208



243, 200, 192

Triad

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



242, 198, 208



182, 214, 194



176, 200, 237

Complementary

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



242, 198, 208



198, 223, 242

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.



167, 194, 226



242, 198, 208



184, 209, 217

Square

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



242, 198, 208



194, 220, 177



171, 197, 219



194, 206, 241

Rectangle

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



242, 198, 208



239, 211, 184



171, 197, 219



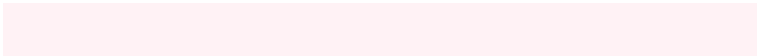
172, 198, 234

Sweetspot

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



242, 198, 208



255, 242, 245



232, 198, 242



128, 120, 122



0, 0, 0



128, 128, 128

Same Dimension

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



242, 198, 208



255, 199, 212



242, 215, 198



120, 108, 111



184, 0, 42



56, 0, 13

Inverse Universe

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



242, 198, 208



255, 199, 212



198, 217, 242



120, 108, 111



184, 0, 42



56, 0, 13

Previews

White Background



This preview shows how the RYB color 242, 198, 208 looks on a white background.

Color Contrast Check

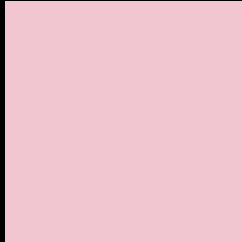
Large Text (above 18pt) WCAG AA × Fail

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 242, 198, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

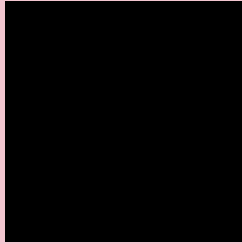
Any Text WCAG AA ✓ Pass

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 242, 198, 208 Background



This preview shows how black text looks on a background with the RYB color 242, 198, 208.

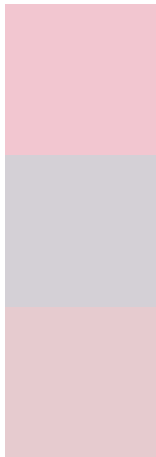


This preview shows how white text looks on a background with the RYB color 242, 198, 208.

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

242, 198, 208

Protanopia

212, 208, 214

Deuteranopia

230, 203, 207





Tritanopia

243, 197, 213

Trichromacy

| | |
|---|--|
|  | Original Color 242, 198, 208 |
|  | Protanomaly 223, 204, 212 |
|  | Deuteranomaly 234, 201, 207 |
|  | Tritanomaly 243, 197, 211 |

Monochromacy

| | |
|---|--|
|  | Original Color 242, 198, 208 |
|  | Achromatopsia 212, 212, 212 |
|  | Achromatomaly 223, 207, 211 |

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 198, 208 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(242, 198, 208) looks like.

```
.text, #text, p{  
    color:rgb(242, 198, 208)  
}
```

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(242, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 198, 208) }
```

Border

The CSS property to change the border of an element to RYB 242, 198, 208 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(242, 198, 208) }
```

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

```
.border{ border-color:rgb(242, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 198,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 242, 198, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 198, 208) }
```

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

```
.background{ background-color: rgb(242,  
198, 208) }
```

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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