

Converting Colors

`RYB(244, 197, 232)`

Have a look what the booklet for
RYB(244, 197, 232) contains.

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Color

R_YB(244, 197, 232)

Conversions

Conversions Part 1

Format	Color
Hex	F4C5E8
RGB	244, 197, 232
RGB Percent	96%, 77%, 91%
CMY	0.0431, 0.2275, 0.0902
CMYK	0.00, 0.19, 0.05, 0.04
HSL	315°, 68%, 86%
HSV	315°, 19%, 96%
XYZ	71.8400, 64.9918, 85.1022
YIQ	215.0430, 16.7770, 20.8490

Conversions

Conversions Part 2

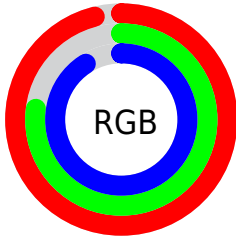
Format	Color
RYB	244, 197, 232
Decimal	16041448
CIELab	84.48, 22.35, -10.99
CIElCh	84, 24.909, 333.824
Yxy	64.9918, 0.3237, 0.2928
Android (android.graphics.Color)	4294231528 (0xFFFF4C5E8)
YUV	215.0430, 8.3598, 25.3953
Hunter-Lab	80.6175, 17.9846, -6.1560

Details

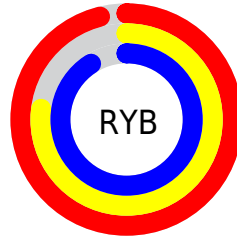
The RYB color **244, 197, 232** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **197, 234, 244**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 254, 255**, and **187, 143, 176** is the 20% darker color. If you saturate the color by 10%, you get **244, 173, 226**, and if you desaturate by 10%, it is **244, 221, 238**.

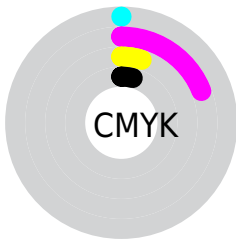
Distribution



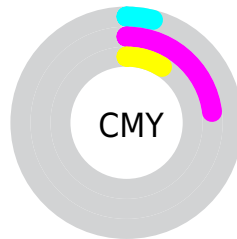
- Red (96%)
- Green (77%)
- Blue (91%)



- Red (96%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (4%)




- Cyan (4%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 244, 197, 232 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, 197, 232 by changing the saturation by 10% instead.


 244, 197, 232


 244, 197, 232

255, 255, 255

 215, 170, 204

255, 254, 255

 187, 143, 176

 160, 117, 150

 134, 92, 124


 108, 68, 99

 83, 45, 75


 59, 23, 52

 38, 0, 31


 0, 0, 4

 244, 197, 232


 244, 197, 232

 244, 173, 226

 244, 221, 238

 244, 148, 220


 244, 246, 246


 244, 124, 213


 244, 251, 255

 244, 99, 207

 244, 250, 255

 244, 75, 201

 244, 51, 195

 244, 26, 188

 244, 2, 182

 244, 0, 182

Harmonies

Analogous

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



219, 204, 250



244, 197, 232



255, 194, 209

Triad

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



244, 197, 232



186, 226, 164



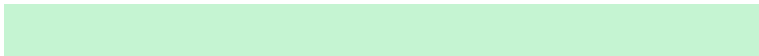
145, 187, 236

Complementary

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



244, 197, 232



197, 234, 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.



152, 191, 224



244, 197, 232



171, 217, 188

Square

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



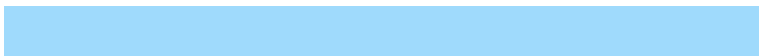
244, 197, 232



247, 226, 169



173, 210, 222



159, 195, 252

Rectangle

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



244, 197, 232



255, 195, 193



173, 210, 222



145, 186, 229

Sweetspot

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



244, 197, 232



255, 240, 251



209, 197, 244



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



244, 197, 232



255, 196, 240



244, 197, 209



122, 110, 119



186, 0, 139



59, 0, 44

Inverse Universe

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



244, 197, 232



255, 196, 240



197, 224, 244



122, 110, 119



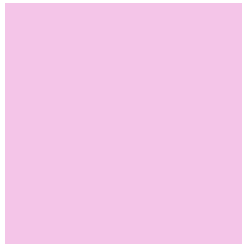
186, 0, 139



59, 0, 44

Previews

White Background



This preview shows how the RYB color 244, 197, 232 looks on a white background.

Color Contrast Check

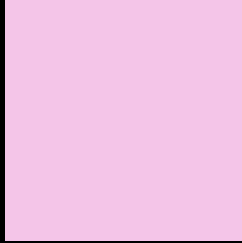
Large Text (above 18pt) WCAG AA × Fail

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, 197, 232 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, 197, 232 Background



This preview shows how black text looks on a background with the RYB color 244, 197, 232.



This preview shows how white text looks on a background with the RYB color 244, 197, 232.

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





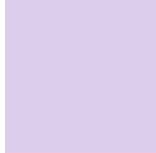
Tritanopia
242, 200, 215

Trichromacy



Original Color

244, 197, 232



Protanomaly

220, 205, 237



Deuteranomaly

231, 202, 231



Tritanomaly

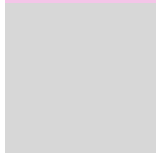
243, 199, 221

Monochromacy



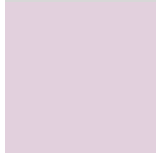
Original Color

244, 197, 232



Achromatopsia

215, 215, 215



Achromatomaly

226, 208, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 244, 197, 232 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, 197, 232) looks like.

```
.text, #text, p{  
    color:rgb(244, 197, 232)  
}
```

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, 197, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 197, 232) }
```

Border

The CSS property to change the border of an element to RYB 244, 197, 232 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, 197, 232) }
```

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

```
.border{ border-color:rgb(244, 197, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 197, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 197, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 197, 232);  
box-shadow:4px 4px 4px 4px rgb(244, 197,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 244, 197, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 197, 232) }
```

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

```
.background{ background-color: rgb(244,  
197, 232) }
```

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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