

Converting Colors

`RYB(247, 195, 232)`

Have a look what the booklet for
RYB(247, 195, 232) contains.

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Color

R_YB(247, 195, 232)

Conversions

Conversions Part 1

Format	Color
Hex	F7C3E8
RGB	247, 195, 232
RGB Percent	97%, 76%, 91%
CMY	0.0314, 0.2353, 0.0902
CMYK	0.00, 0.21, 0.06, 0.03
HSL	317°, 76%, 87%
HSV	317°, 21%, 97%
XYZ	72.4384, 64.6306, 85.0010
YIQ	214.7660, 19.1150, 22.5310

Conversions

Conversions Part 2

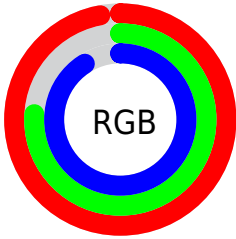
Format	Color
R _Y B	247, 195, 232
Decimal	16237544
CIE Lab	84.29, 24.42, -11.24
CIE LCh	84, 26.880, 335.290
Yxy	64.6306, 0.3262, 0.2910
Android (android.graphics.Color)	4294427624 (0xFFF7C3E8)
YUV	214.7660, 8.4964, 28.2692
Hunter-Lab	80.3931, 20.1497, -6.4131

Details

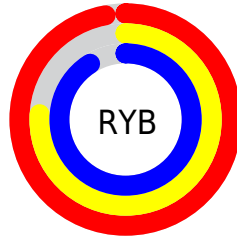
The RYB color **247, 195, 232** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **195, 235, 247**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is 255, 252, 255, and **190, 141, 176** is the 20% darker color. If you saturate the color by 10%, you get **247, 170, 225**, and if you desaturate by 10%, it is **247, 220, 239**.

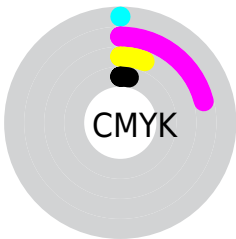
Distribution



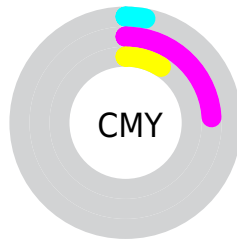
- Red (97%)
- Green (76%)
- Blue (91%)



- Red (97%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (3%)




- Cyan (3%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 247, 195, 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 247, 195, 232 by changing the saturation by 10% instead.

 247, 195, 232

 247, 195, 232

255, 255, 255

 218, 168, 204

 255, 252, 255


 190, 141, 176

 163, 115, 150

 136, 90, 124

 110, 66, 99

 85, 43, 75

 61, 21, 52

 39, 0, 31

 0, 0, 3

■ 247, 195, 232

■ 247, 195, 232

■ 247, 170, 225

■ 247, 220, 239

■ 247, 146, 218

■ 247, 244, 246

■ 247, 121, 211

■ 247, 252, 255

■ 247, 96, 203

■ 247, 251, 255

■ 247, 72, 196

■ 247, 47, 189

■ 247, 22, 182

■ 247, 0, 176

Harmonies

Analogous

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



220, 202, 252



247, 195, 232



255, 192, 207

Triad

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



247, 195, 232



180, 225, 160



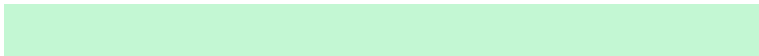
138, 184, 239

Complementary

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



247, 195, 232



195, 235, 247

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.



145, 188, 225



247, 195, 232



168, 218, 189

Square

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



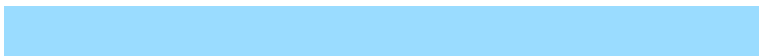
247, 195, 232



247, 232, 165



168, 208, 223



154, 194, 255

Rectangle

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



247, 195, 232



255, 193, 190



168, 208, 223



138, 183, 231

Sweetspot

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



247, 195, 232



255, 240, 251



210, 195, 247



128, 119, 125



0, 0, 0



128, 128, 128

Same Dimension

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



247, 195, 232



255, 191, 237



247, 195, 206



122, 110, 119



186, 0, 132



59, 0, 42

Inverse Universe

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



247, 195, 232



255, 191, 237



195, 224, 247



122, 110, 119



186, 0, 132



59, 0, 42

Previews

White Background



This preview shows how the RYB color 247, 195, 232 looks on a white background.

Color Contrast Check

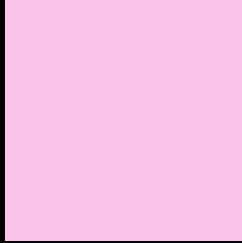
Large Text (above 18pt) WCAG AA × Fail

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 247, 195, 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 247, 195, 232 Background



This preview shows how black text looks on a background with the RYB color 247, 195, 232.

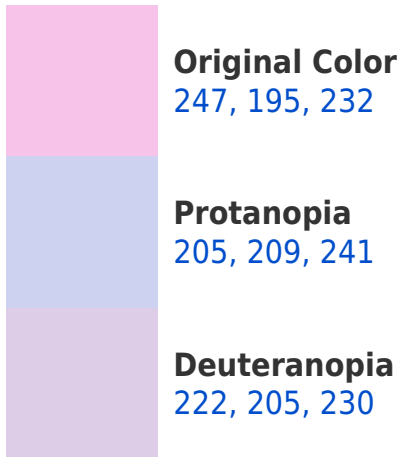



This preview shows how white text looks on a background with the RYB color 247, 195, 232.

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





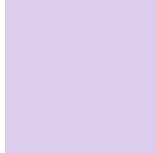
Tritanopia
245, 198, 214

Trichromacy



Original Color

247, 195, 232



Protanomaly

220, 204, 238



Deuteranomaly

231, 201, 231



Tritanomaly

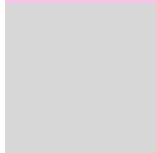
246, 197, 221

Monochromacy



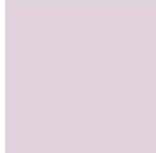
Original Color

247, 195, 232



Achromatopsia

215, 215, 215



Achromatomaly

227, 208, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 195, 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(247, 195, 232) looks like.

```
.text, #text, p{  
    color:rgb(247, 195, 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(247, 195, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 195, 232) }
```

Border

The CSS property to change the border of an element to RYB 247, 195, 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(247, 195, 232) }
```

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

```
.border{ border-color:rgb(247, 195, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 195, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 195, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 195, 232);  
box-shadow:4px 4px 4px 4px rgb(247, 195,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 247, 195, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 195, 232) }
```

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

```
.background{ background-color: rgb(247,  
195, 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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