

Converting Colors

`RYB(234, 197, 212)`

Have a look what the booklet for
RYB(234, 197, 212) contains.

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Color

R_YB(234, 197, 212)

Conversions

Conversions Part 1

Format	Color
Hex	EAC5D4
RGB	234, 197, 212
RGB Percent	92%, 77%, 83%
CMY	0.0824, 0.2275, 0.1686
CMYK	0.00, 0.16, 0.09, 0.08
HSL	336°, 47%, 85%
HSV	336°, 16%, 92%
XYZ	65.7816, 62.1784, 70.8219
YIQ	209.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

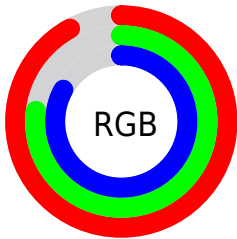
Format	Color
R_YB	234, 197, 212
Decimal	15386068
CIE Lab	83.01, 15.52, -2.58
CIE LCh	83, 15.729, 350.547
Yxy	62.1784, 0.3309, 0.3128
Android (android.graphics.Color)	4293576148 (0xFFEAC5D4)
YUV	209.7730, 1.0979, 21.2471
Hunter-Lab	78.8533, 10.9164, 1.9461

Details

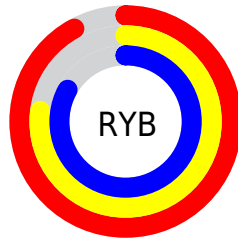
The RYB color **234, 197, 212** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **197, 220, 234**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **255, 254, 255**, and **178, 143, 157** is the 20% darker color. If you saturate the color by 10%, you get **234, 174, 198**, and if you desaturate by 10%, it is **234, 220, 226**.

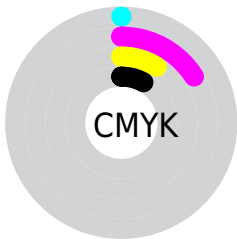
Distribution



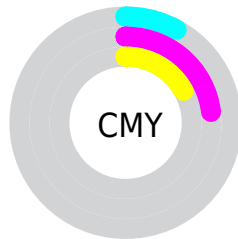
- Red (92%)
- Green (77%)
- Blue (83%)



- Red (92%)
- Yellow (77%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (8%)




- Cyan (8%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 197, 212 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 234, 197, 212 by changing the saturation by 10% instead.

 234, 197, 212


 234, 197, 212

255, 255, 255

 206, 170, 184

255, 254, 255

 178, 143, 157

 151, 117, 131

 125, 93, 106


 100, 69, 82

 75, 46, 59


 52, 25, 37

 32, 0, 17


 0, 0, 0

 234, 197, 212


 234, 197, 212

 234, 174, 198


 234, 220, 226

 234, 150, 184

 234, 240, 244

 234, 127, 170

 234, 245, 255

 234, 103, 156

 234, 245, 255

 234, 80, 142

 234, 57, 129

 234, 33, 115

 234, 10, 101

 234, 0, 95

Harmonies

Analogous

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



222, 200, 226



234, 197, 212



238, 197, 197

Triad

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



234, 197, 212



179, 209, 180



172, 196, 229

Complementary

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



234, 197, 212



197, 220, 234

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.



169, 192, 216



234, 197, 212



188, 213, 210

Square

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



234, 197, 212



211, 223, 178



176, 200, 215



185, 201, 235

Rectangle

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



234, 197, 212



237, 201, 188



176, 200, 215



170, 194, 225

Sweetspot

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



234, 197, 212



255, 242, 247



219, 197, 234



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



234, 197, 212



255, 207, 226



234, 200, 197



117, 106, 110



181, 0, 73



54, 0, 22

Inverse Universe

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



234, 197, 212



255, 207, 226



197, 215, 234



117, 106, 110



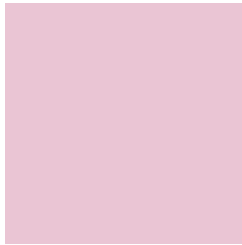
181, 0, 73



54, 0, 22

Previews

White Background



This preview shows how the RYB color 234, 197, 212 looks on a white background.

Color Contrast Check

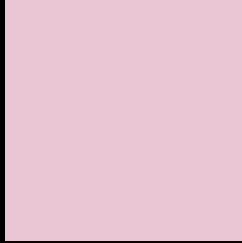
Large Text (above 18pt) WCAG AA × Fail

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 234, 197, 212 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 234, 197, 212 Background



This preview shows how black text looks on a background with the RYB color 234, 197, 212.



This preview shows how white text looks on a background with the RYB color 234, 197, 212.

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
234, 197, 212

Protanopia
208, 206, 217

Deuteranopia
225, 200, 211



Tritanopia
234, 197, 212

Trichromacy



Original Color
234, 197, 212

Protanomaly
217, 203, 215

Deuteranomaly
228, 199, 211

Tritanomaly
234, 197, 212

Monochromacy



Original Color
234, 197, 212

Achromatopsia
210, 210, 210

Achromatomaly
219, 205, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 197, 212 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(234, 197, 212) looks like.

```
.text, #text, p{  
    color:rgb(234, 197, 212)  
}
```

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(234, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 197, 212) }
```

Border

The CSS property to change the border of an element to RYB 234, 197, 212 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(234, 197, 212) }
```

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

```
.border{ border-color:rgb(234, 197, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(234, 197,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 234, 197, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 197, 212) }
```

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

```
.background{ background-color: rgb(234,  
197, 212) }
```

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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