

Converting Colors

`RYB(234, 172, 178)`

Have a look what the booklet for RYB(234, 172, 178) contains.

RYB(234, 172, 178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(234, 172, 178)

Conversions

Conversions Part 1

Format	Color
Hex	EAACB2
RGB	234, 172, 178
RGB Percent	92%, 67%, 70%
CMY	0.0824, 0.3255, 0.3020
CMYK	0.00, 0.26, 0.24, 0.08
HSL	354°, 60%, 80%
HSV	354°, 26%, 92%
XYZ	56.7201, 50.2118, 48.8219
YIQ	191.2220, 35.0260, 15.0100

Conversions

Conversions Part 2

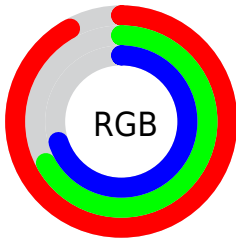
Format	Color
RYB	234, 172, 178
Decimal	15379634
CIELab	76.20, 23.55, 5.89
CIELCh	76, 24.270, 14.034
Yxy	50.2118, 0.3642, 0.3224
Android (android.graphics.Color)	4293569714 (0xFFEAACB2)
YUV	191.2220, -6.5184, 37.5163
Hunter-Lab	70.8603, 18.8747, 8.7521

Details

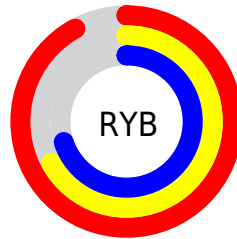
The RYB color **234, 172, 178** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **172, 205, 234**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 228, 234**, and **177, 119, 125** is the 20% darker color. If you saturate the color by 10%, you get **234, 149, 157**, and if you desaturate by 10%, it is **234, 195, 199**.

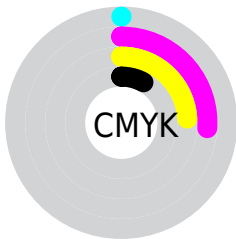
Distribution



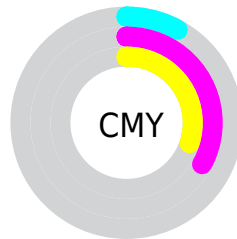
- Red (92%)
- Green (67%)
- Blue (70%)



- Red (92%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (8%)




- Cyan (8%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 172, 178 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, 172, 178 by changing the saturation by 10% instead.

 234, 172, 178

255, 255, 255

 255, 228, 234

 234, 172, 178

 205, 145, 151

 177, 119, 125

 150, 94, 101

 123, 70, 77


 97, 47, 54

 72, 24, 33


 48, 2, 9

 17, 0, 0


 0, 0, 0

 234, 172, 178


 234, 172, 178

 234, 149, 157

 234, 195, 199

 234, 125, 136

 234, 219, 220

 234, 102, 115

 234, 238, 242

 234, 78, 93

 234, 245, 255

 234, 55, 72

 234, 32, 51

 234, 8, 30

 234, 0, 23

Harmonies

Analogous

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



225, 173, 201



234, 172, 178



230, 182, 158

Triad

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



234, 172, 178



155, 196, 183



146, 177, 230

Complementary

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



234, 172, 178



172, 205, 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.



127, 167, 218



234, 172, 178



144, 180, 200

Square

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



234, 172, 178



148, 194, 144



127, 165, 201



176, 184, 231

Rectangle

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



234, 172, 178



222, 204, 148



127, 165, 201



138, 173, 228

Sweetspot

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



234, 172, 178



255, 235, 237



228, 172, 234



128, 115, 116



0, 0, 0



128, 128, 128

Same Dimension

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



234, 172, 178



255, 173, 181



234, 214, 172



117, 106, 107



181, 0, 18



54, 0, 5

Inverse Universe

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



234, 172, 178



255, 173, 181



172, 195, 234



117, 106, 107



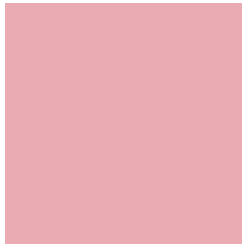
181, 0, 18



54, 0, 5

Previews

White Background



This preview shows how the RYB color 234, 172, 178 looks on a white background.

Color Contrast Check

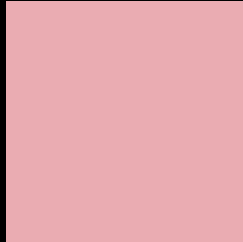
Large Text (above 18pt) WCAG AA × Fail

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, 172, 178 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, 172, 178 Background



This preview shows how black text looks on a background with the RYB color 234, 172, 178.



This preview shows how white text looks on a background with the RYB color 234, 172, 178.

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, 172, 178

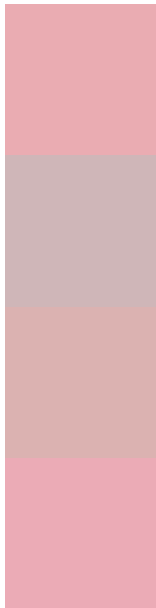
Protanopia
192, 187, 187

Deuteranopia
211, 183, 176



Tritanopia
235, 171, 184

Trichromacy



Original Color
234, 172, 178

Protanomaly
207, 182, 184

Deuteranomaly
219, 178, 177

Tritanomaly
235, 171, 182

Monochromacy



Original Color
234, 172, 178

Achromatopsia
191, 191, 191

Achromatomaly
207, 184, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 172, 178 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, 172, 178) looks like.

```
.text, #text, p{  
    color:rgb(234, 172, 178)  
}
```

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, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 172, 178) }
```

Border

The CSS property to change the border of an element to RYB 234, 172, 178 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, 172, 178) }
```

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

```
.border{ border-color:rgb(234, 172, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(234, 172,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 234, 172, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 172, 178) }
```

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

```
.background{ background-color: rgb(234,  
172, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor