

Converting Colors

`RYB(234, 178, 182)`

Have a look what the booklet for
RYB(234, 178, 182) contains.

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Color

R_YB(234, 178, 182)

Conversions

Conversions Part 1

Format	Color
Hex	EAB2B6
RGB	234, 178, 182
RGB Percent	92%, 70%, 71%
CMY	0.0824, 0.3020, 0.2863
CMYK	0.00, 0.24, 0.22, 0.08
HSL	356°, 57%, 81%
HSV	356°, 24%, 92%
XYZ	58.2956, 52.7106, 51.3576
YIQ	195.2000, 32.0920, 13.1160

Conversions

Conversions Part 2

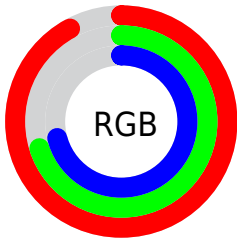
Format	Color
RYB	234, 178, 182
Decimal	15381174
CIELab	77.70, 20.92, 5.87
CIELCh	78, 21.731, 15.683
Yxy	52.7106, 0.3590, 0.3246
Android (android.graphics.Color)	4293571254 (0xFFEAB2B6)
YUV	195.2000, -6.5076, 34.0276
Hunter-Lab	72.6021, 16.2723, 8.8806

Details

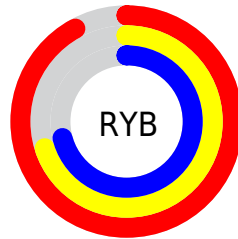
The RYB color **234, 178, 182** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **178, 207, 234**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 234, 238**, and **177, 125, 129** is the 20% darker color. If you saturate the color by 10%, you get **234, 155, 160**, and if you desaturate by 10%, it is **234, 201, 204**.

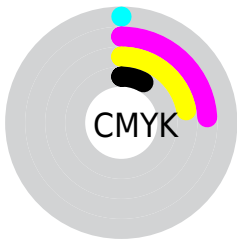
Distribution



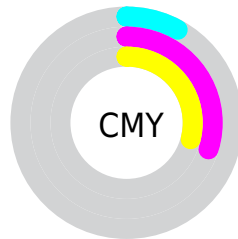
- Red (92%)
- Green (70%)
- Blue (71%)



- Red (92%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (22%)
- Black (8%)



- Cyan (8%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 178, 182 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, 178, 182 by changing the saturation by 10% instead.

 234, 178, 182


 234, 178, 182

255, 255, 255


 205, 151, 155


 255, 234, 238

 177, 125, 129

 150, 100, 104

 123, 76, 80


 98, 52, 57

 73, 30, 36


 49, 8, 14

 23, 0, 0


 0, 0, 0

 234, 178, 182


 234, 178, 182

 234, 155, 160

 234, 201, 204

 234, 131, 139

 234, 225, 225

 234, 108, 117

 234, 241, 248

 234, 84, 95

 234, 245, 255

 234, 61, 73

 234, 38, 52

 234, 14, 30

 234, 0, 17

Harmonies

Analogous

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



227, 179, 203



234, 178, 182



230, 187, 164

Triad

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



234, 178, 182



163, 200, 190



157, 183, 231

Complementary

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



234, 178, 182



178, 207, 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.



139, 174, 220



234, 178, 182



152, 185, 203

Square

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



234, 178, 182



155, 196, 153



138, 172, 204



183, 189, 231

Rectangle

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



234, 178, 182



222, 208, 156



138, 172, 204



150, 180, 228

Sweetspot

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



234, 178, 182



255, 237, 238



229, 178, 234



128, 117, 118



0, 0, 0



128, 128, 128

Same Dimension

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



234, 178, 182



255, 181, 186



234, 217, 178



117, 106, 106



181, 0, 13



54, 0, 4

Inverse Universe

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



234, 178, 182



255, 181, 186



178, 199, 234



117, 106, 106



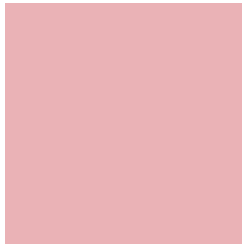
181, 0, 13



54, 0, 4

Previews

White Background



This preview shows how the RYB color 234, 178, 182 looks on a white background.

Color Contrast Check

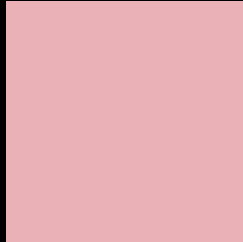
Large Text (above 18pt) WCAG AA × Fail

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, 178, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

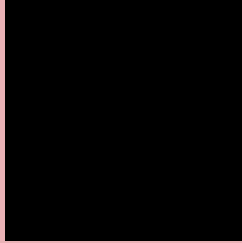
Any Text WCAG AA ✓ Pass

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, 178, 182 Background



This preview shows how black text looks on a background with the RYB color 234, 178, 182.



This preview shows how white text looks on a background with the RYB color 234, 178, 182.

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, 178, 182

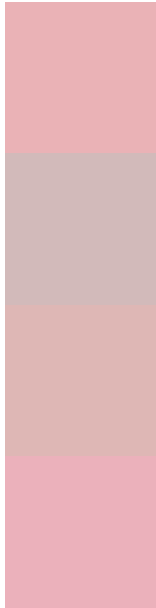
Protanopia
196, 192, 189

Deuteranopia
215, 187, 181



Tritanopia
235, 177, 190

Trichromacy



Original Color
234, 178, 182

Protanomaly
210, 186, 186

Deuteranomaly
222, 183, 181

Tritanomaly
235, 177, 187

Monochromacy



Original Color
234, 178, 182

Achromatopsia
195, 195, 195

Achromatomaly
209, 189, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 178, 182 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, 178, 182) looks like.

```
.text, #text, p{  
    color:rgb(234, 178, 182)  
}
```

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, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 178, 182) }
```

Border

The CSS property to change the border of an element to RYB 234, 178, 182 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, 178, 182) }
```

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

```
.border{ border-color:rgb(234, 178, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 178, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 178, 182);  
box-shadow:4px 4px 4px 4px rgb(234, 178,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 234, 178, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 178, 182) }
```

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

```
.background{ background-color: rgb(234,  
178, 182) }
```

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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