

Converting Colors

`RYB(234, 180, 186)`

Have a look what the booklet for RYB(234, 180, 186) contains.

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Color

R_YB(234, 180, 186)

Conversions

Conversions Part 1

Format	Color
Hex	EAB4BA
RGB	234, 180, 186
RGB Percent	92%, 71%, 73%
CMY	0.0824, 0.2941, 0.2706
CMYK	0.00, 0.23, 0.21, 0.08
HSL	353°, 56%, 81%
HSV	353°, 23%, 92%
XYZ	59.1159, 53.6801, 53.6999
YIQ	196.8300, 30.2580, 13.3140

Conversions

Conversions Part 2

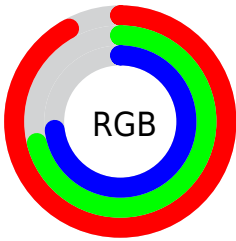
Format	Color
RYB	234, 180, 186
Decimal	15381690
CIELab	78.27, 20.44, 4.53
CIELCh	78, 20.939, 12.485
Yxy	53.6801, 0.3551, 0.3224
Android (android.graphics.Color)	4293571770 (0xFFEAB4BA)
YUV	196.8300, -5.3392, 32.5981
Hunter-Lab	73.2667, 15.8075, 7.8308

Details

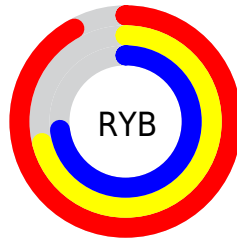
The RYB color **234, 180, 186** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **180, 209, 234**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 236, 242**, and **177, 127, 133** is the 20% darker color. If you saturate the color by 10%, you get **234, 157, 165**, and if you desaturate by 10%, it is **234, 203, 207**.

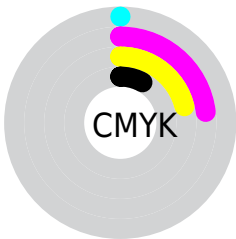
Distribution



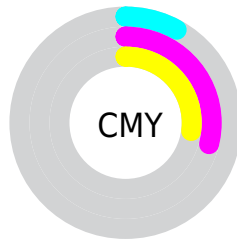
- Red (92%)
- Green (71%)
- Blue (73%)



- Red (92%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (8%)




- Cyan (8%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 180, 186 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, 180, 186 by changing the saturation by 10% instead.

 234, 180, 186


255, 255, 255

 255, 236, 242

 234, 180, 186


 205, 153, 159

 177, 127, 133

 150, 102, 108

 124, 77, 84


 98, 54, 60

 73, 32, 39

 49, 10, 18

 26, 0, 1

 0, 0, 0

 234, 180, 186


 234, 180, 186

 234, 157, 165

 234, 203, 207

 234, 133, 144

 234, 227, 228

 234, 110, 124

 234, 243, 250

 234, 86, 103

 234, 245, 255

 234, 63, 82

 234, 40, 61

 234, 16, 40

 234, 0, 26

Harmonies

Analogous

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



226, 181, 206



234, 180, 186



231, 188, 168

Triad

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



234, 180, 186



165, 200, 187



158, 184, 230

Complementary

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



234, 180, 186



180, 209, 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.



142, 176, 219



234, 180, 186



157, 188, 204

Square

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



234, 180, 186



162, 200, 156



143, 175, 205



182, 191, 231

Rectangle

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



234, 180, 186



224, 204, 160



143, 175, 205



151, 181, 227

Sweetspot

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



234, 180, 186



255, 237, 239



228, 180, 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, 180, 186



255, 184, 192



234, 214, 180



117, 106, 107



181, 0, 20



54, 0, 6

Inverse Universe

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



234, 180, 186



255, 184, 192



180, 200, 234



117, 106, 107



181, 0, 20



54, 0, 6

Previews

White Background



This preview shows how the RYB color 234, 180, 186 looks on a white background.

Color Contrast Check

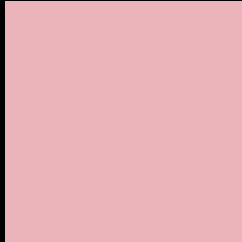
Large Text (above 18pt) WCAG AA × Fail

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, 180, 186 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, 180, 186 Background



This preview shows how black text looks on a background with the RYB color 234, 180, 186.



This preview shows how white text looks on a background with the RYB color 234, 180, 186.

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, 180, 186

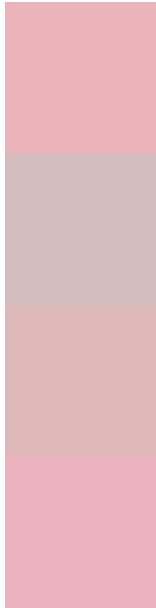
Protanopia
197, 193, 193

Deuteranopia
216, 187, 185



Tritanopia
235, 179, 193

Trichromacy



Original Color

234, 180, 186

Protanomaly

210, 188, 190

Deuteranomaly

223, 184, 185

Tritanomaly

235, 179, 190

Monochromacy



Original Color

234, 180, 186

Achromatopsia

197, 197, 197

Achromatomaly

210, 191, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 180, 186 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, 180, 186) looks like.

```
.text, #text, p{  
    color:rgb(234, 180, 186)  
}
```

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, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 180, 186) }
```

Border

The CSS property to change the border of an element to RYB 234, 180, 186 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, 180, 186) }
```

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

```
.border{ border-color:rgb(234, 180, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 180, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 180, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 180, 186);  
box-shadow:4px 4px 4px 4px rgb(234, 180,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 234, 180, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 180, 186) }
```

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

```
.background{ background-color: rgb(234,  
180, 186) }
```

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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