

Converting Colors

`RYB(236, 180, 189)`

Have a look what the booklet for RYB(236, 180, 189) contains.

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Color

R_YB(236, 180, 189)

Conversions

Conversions Part 1

Format	Color
Hex	ECB4BD
RGB	236, 180, 189
RGB Percent	93%, 71%, 74%
CMY	0.0745, 0.2941, 0.2588
CMYK	0.00, 0.24, 0.20, 0.07
HSL	350°, 60%, 82%
HSV	350°, 24%, 93%
XYZ	60.0986, 54.1495, 55.4285
YIQ	197.7700, 30.4870, 14.6710

Conversions

Conversions Part 2

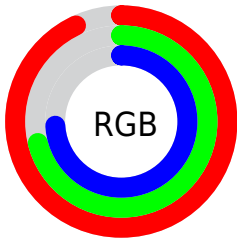
Format	Color
R _{YB}	236, 180, 189
Decimal	15512765
CIE Lab	78.55, 21.61, 3.32
CIE LCh	79, 21.869, 8.736
Yxy	54.1495, 0.3542, 0.3191
Android (android.graphics.Color)	4293702845 (0xFFECB4BD)
YUV	197.7700, -4.3236, 33.5277
Hunter-Lab	73.5863, 17.0065, 6.8506

Details

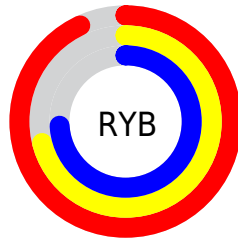
The RYB color **236, 180, 189** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **180, 210, 236**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 236, 245**, and **179, 127, 136** is the 20% darker color. If you saturate the color by 10%, you get **236, 156, 169**, and if you desaturate by 10%, it is **236, 204, 209**.

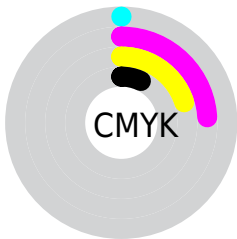
Distribution



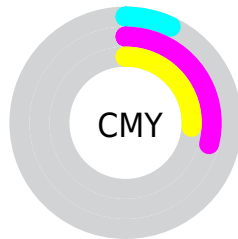
- Red (93%)
- Green (71%)
- Blue (74%)



- Red (93%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (7%)



- Cyan (7%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 236, 180, 189 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 236, 180, 189 by changing the saturation by 10% instead.

 236, 180, 189

255, 255, 255

 255, 236, 245

 236, 180, 189

 207, 153, 162

 179, 127, 136

 152, 102, 110

 125, 77, 86

 100, 54, 63

 75, 31, 41


 50, 9, 21

 29, 0, 1


 0, 0, 0

 236, 180, 189

 236, 180, 189

 236, 156, 169


 236, 204, 209

 236, 133, 149

 236, 227, 229

 236, 109, 130

 236, 244, 251

 236, 86, 110

 236, 246, 255

 236, 62, 90

 236, 38, 70

 236, 15, 50

 236, 0, 38

Harmonies

Analogous

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



226, 182, 210



236, 180, 189



235, 185, 170

Triad

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



236, 180, 189



162, 201, 182



154, 183, 232

Complementary

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



236, 180, 189



180, 210, 236

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.



140, 176, 219



236, 180, 189



159, 191, 205

Square

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



236, 180, 189



165, 204, 154



142, 176, 206



179, 191, 234

Rectangle

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



236, 180, 189



228, 202, 160



142, 176, 206



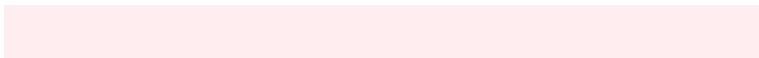
147, 180, 228

Sweetspot

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



236, 180, 189



255, 237, 240



227, 180, 236



128, 117, 119



0, 0, 0



128, 128, 128

Same Dimension

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



236, 180, 189



255, 184, 195



236, 209, 180



117, 106, 107



181, 0, 29



54, 0, 9

Inverse Universe

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



236, 180, 189



255, 184, 195



180, 202, 236



117, 106, 107



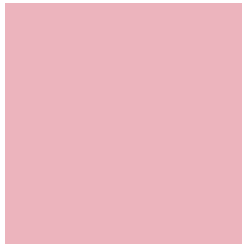
181, 0, 29



54, 0, 9

Previews

White Background



This preview shows how the RYB color 236, 180, 189 looks on a white background.

Color Contrast Check

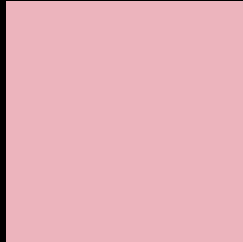
Large Text (above 18pt) WCAG AA × Fail

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 236, 180, 189 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 236, 180, 189 Background



This preview shows how black text looks on a background with the RYB color 236, 180, 189.



This preview shows how white text looks on a background with the RYB color 236, 180, 189.

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
236, 180, 189

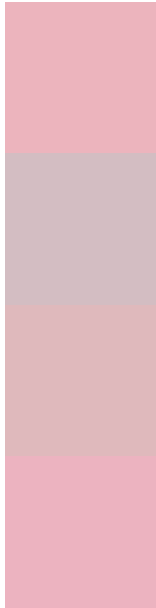
Protanopia
197, 194, 197

Deuteranopia
216, 188, 187



Tritanopia
236, 179, 193

Trichromacy



Original Color
236, 180, 189

Protanomaly
211, 189, 194

Deuteranomaly
223, 185, 188

Tritanomaly
236, 179, 192

Monochromacy



Original Color
236, 180, 189

Achromatopsia
198, 198, 198

Achromatomaly
212, 191, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 180, 189 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(236, 180, 189) looks like.

```
.text, #text, p{  
    color:rgb(236, 180, 189)  
}
```

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(236, 180, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 180, 189) }
```

Border

The CSS property to change the border of an element to RYB 236, 180, 189 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(236, 180, 189) }
```

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

```
.border{ border-color:rgb(236, 180, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 180, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 180, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 180, 189);  
box-shadow:4px 4px 4px 4px rgb(236, 180,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 236, 180, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 180, 189) }
```

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

```
.background{ background-color: rgb(236,  
180, 189) }
```

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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