

Converting Colors

`RYB(237, 186, 181)`

Have a look what the booklet for
RYB(237, 186, 181) contains.

RYB(237, 186, 181)	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(237, 186, 181)

Conversions

Conversions Part 1

Format	Color
Hex	EDBAB5
RGB	237, 186, 181
RGB Percent	93%, 73%, 71%
CMY	0.0706, 0.2722, 0.2902
CMYK	0.00, 0.22, 0.24, 0.07
HSL	5°, 61%, 82%
HSV	5°, 24%, 93%
XYZ	60.7382, 56.2861, 51.3791
YIQ	200.6790, 32.0010, 9.2570

Conversions

Conversions Part 2

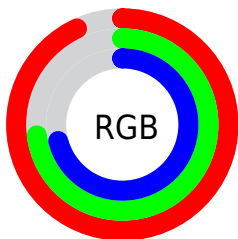
Format	Color
R _Y B	237, 186, 181
Decimal	15579829
CIE Lab	79.78, 17.84, 9.43
CIE LCh	80, 20.178, 27.848
Yxy	56.2861, 0.3607, 0.3342
Android (android.graphics.Color)	4293769909 (0xFFEDBAB5)
YUV	200.6790, -9.7017, 31.8535
Hunter-Lab	75.0241, 13.2185, 11.9130

Details

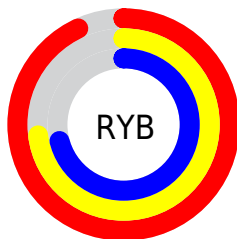
The RYB color **237, 186, 181** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **181, 208, 237**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 244, 237**, and **180, 134, 128** is the 20% darker color. If you saturate the color by 10%, you get **237, 165, 157**, and if you desaturate by 10%, it is **237, 207, 205**.

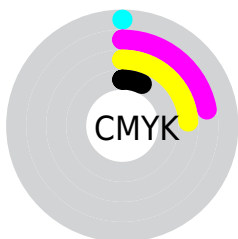
Distribution



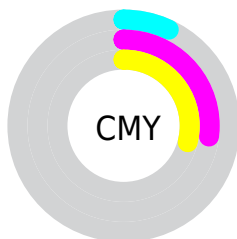
- Red (93%)
- Green (73%)
- Blue (71%)



- Red (93%)
- Yellow (73%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (24%)
- Black (7%)




- Cyan (7%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 237, 186, 181 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 237, 186, 181 by changing the saturation by 10% instead.


 237, 186, 181


 237, 186, 181

255, 255, 255

 208, 160, 154

 255, 244, 237


 180, 132, 128

 153, 107, 103

 126, 82, 79

 100, 59, 56

 75, 37, 35

 51, 16, 13

 31, 0, 1

 0, 0, 0

■ 237, 186, 181

■ 237, 186, 181

■ 237, 165, 157

■ 237, 207, 205

■ 237, 143, 134

■ 237, 229, 228

■ 237, 121, 110

■ 237, 244, 252

■ 237, 100, 86

■ 237, 246, 255

■ 237, 78, 63

■ 237, 56, 39

■ 237, 35, 15

■ 237, 21, 0

Harmonies

Analogous

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



234, 185, 200



237, 186, 181



229, 204, 167

Triad

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



237, 186, 181



172, 202, 206



175, 193, 235

Complementary

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



237, 186, 181



181, 208, 237

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.



155, 185, 229



237, 186, 181



154, 185, 209

Square

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



237, 186, 181



164, 202, 173



147, 179, 215



199, 193, 231

Rectangle

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



237, 186, 181



207, 220, 161



147, 179, 215



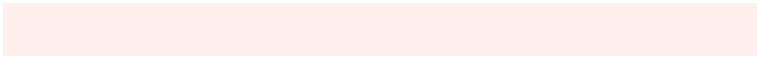
167, 190, 234

Sweetspot

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



237, 186, 181



255, 239, 237



237, 181, 233



128, 118, 117



0, 0, 0



128, 128, 128

Same Dimension

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



237, 186, 181



255, 189, 184



223, 237, 181



117, 107, 106



181, 16, 0



54, 4, 0

Inverse Universe

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



181, 208, 237



184, 218, 255



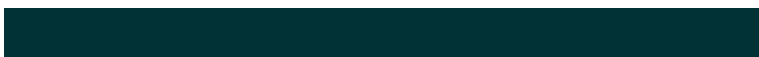
181, 198, 237



106, 111, 117



0, 87, 181



0, 26, 54

Previews

White Background



This preview shows how the RYB color 237, 186, 181 looks on a white background.

Color Contrast Check

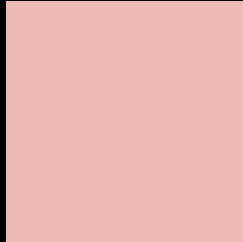
Large Text (above 18pt) WCAG AA × Fail

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 237, 186, 181 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 237, 186, 181 Background



This preview shows how black text looks on a background with the RYB color 237, 186, 181.

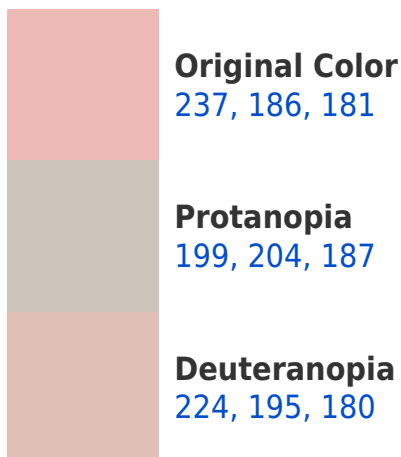



This preview shows how white text looks on a background with the RYB color 237, 186, 181.

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](#).

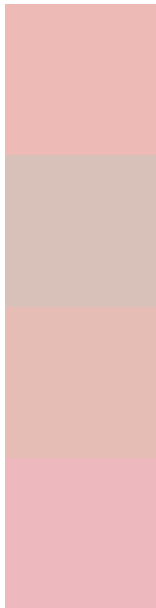
Dichromacy





Tritanopia
239, 183, 197

Trichromacy



Original Color

237, 186, 181

Protanomaly

216, 196, 185

Deuteranomaly

229, 191, 180

Tritanomaly

238, 184, 191

Monochromacy



Original Color

237, 186, 181

Achromatopsia

200, 200, 200

Achromatomaly

213, 195, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 186, 181 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(237, 186, 181) looks like.

```
.text, #text, p{  
    color:rgb(237, 186, 181)  
}
```

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(237, 186, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 186, 181) }
```

Border

The CSS property to change the border of an element to RYB 237, 186, 181 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(237, 186, 181) }
```

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

```
.border{ border-color:rgb(237, 186, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 186, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 186, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 186, 181);  
box-shadow:4px 4px 4px 4px rgb(237, 186,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 237, 186, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 186, 181) }
```

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

```
.background{ background-color: rgb(237,  
186, 181) }
```

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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