

Converting Colors

`RYB(231, 190, 198)`

Have a look what the booklet for
RYB(231, 190, 198) contains.

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Color

R_YB(231, 190, 198)

Conversions

Conversions Part 1

Format	Color
Hex	E7BEC6
RGB	231, 190, 198
RGB Percent	91%, 75%, 78%
CMY	0.0941, 0.2549, 0.2235
CMYK	0.00, 0.18, 0.14, 0.09
HSL	348°, 46%, 83%
HSV	348°, 18%, 91%
XYZ	61.5615, 57.8931, 61.3559
YIQ	203.1710, 21.8680, 11.1800

Conversions

Conversions Part 2

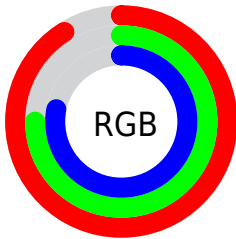
Format	Color
R _Y B	231, 190, 198
Decimal	15187654
CIE Lab	80.68, 15.89, 1.49
CIE LCh	81, 15.956, 5.373
Yxy	57.8931, 0.3405, 0.3202
Android (android.graphics.Color)	4293377734 (0xFFE7BEC6)
YUV	203.1710, -2.5493, 24.4060
Hunter-Lab	76.0875, 11.2692, 5.4506

Details

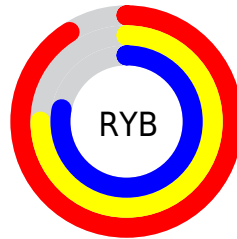
The RYB color **231, 190, 198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **190, 213, 231**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 246, 255**, and **175, 137, 144** is the 20% darker color. If you saturate the color by 10%, you get **231, 167, 179**, and if you desaturate by 10%, it is **231, 213, 217**.

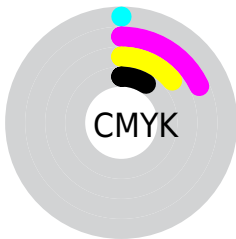
Distribution



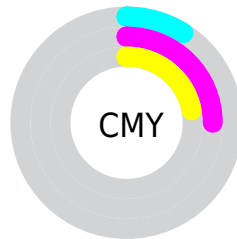
- Red (91%)
- Green (75%)
- Blue (78%)



- Red (91%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (18%)
- Yellow (14%)
- Black (9%)




- Cyan (9%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 231, 190, 198 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 231, 190, 198 by changing the saturation by 10% instead.

 231, 190, 198

255, 255, 255

 255, 246, 255

 231, 190, 198

 203, 163, 171

 175, 137, 144

 148, 111, 119

 122, 86, 94


 97, 63, 70


 72, 41, 48


 49, 20, 27

 31, 0, 0


 0, 0, 0

 231, 190, 198


 231, 190, 198

 231, 167, 179


 231, 213, 217

 231, 144, 161


 231, 234, 236


 231, 121, 142

 231, 243, 255


 231, 98, 124


 231, 243, 255

 231, 75, 105

 231, 51, 86

 231, 28, 68

 231, 5, 49

 231, 0, 45

Harmonies

Analogous

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



222, 192, 213



231, 190, 198



231, 192, 184

Triad

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



231, 190, 198



176, 205, 188



171, 192, 227

Complementary

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



231, 190, 198



190, 213, 231

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.



162, 187, 217



231, 190, 198



176, 200, 208

Square

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



231, 190, 198



184, 210, 171



165, 189, 209



187, 198, 230

Rectangle

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



231, 190, 198



227, 204, 176



165, 189, 209



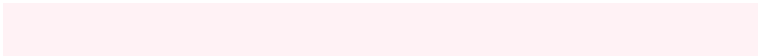
167, 190, 224

Sweetspot

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



231, 190, 198



255, 242, 245



223, 190, 231



128, 120, 121



0, 0, 0



128, 128, 128

Same Dimension

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



231, 190, 198



255, 201, 212



231, 207, 190



115, 103, 106



179, 0, 35



51, 0, 10

Inverse Universe

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



231, 190, 198



255, 201, 212



190, 207, 231



115, 103, 106



179, 0, 35



51, 0, 10

Previews

White Background



This preview shows how the RYB color 231, 190, 198 looks on a white background.

Color Contrast Check

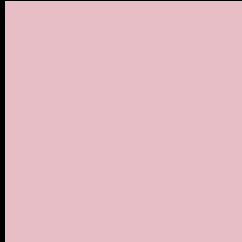
Large Text (above 18pt) WCAG AA × Fail

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 231, 190, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

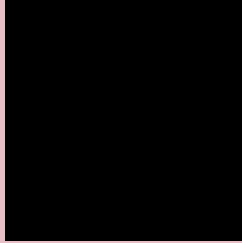
Any Text WCAG AA ✓ Pass

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 231, 190, 198 Background



This preview shows how black text looks on a background with the RYB color 231, 190, 198.



This preview shows how white text looks on a background with the RYB color 231, 190, 198.

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
231, 190, 198

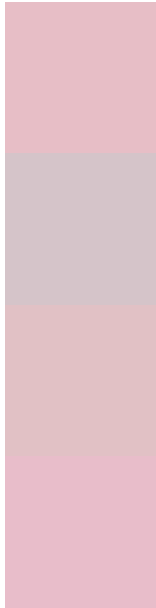
Protanopia
203, 199, 203

Deuteranopia
221, 194, 197



Tritanopia
232, 189, 204

Trichromacy



Original Color

231, 190, 198

Protanomaly

213, 196, 201

Deuteranomaly

225, 193, 197

Tritanomaly

232, 189, 202

Monochromacy



Original Color

231, 190, 198

Achromatopsia

203, 203, 203

Achromatomaly

213, 198, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 190, 198 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(231, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(231, 190, 198)  
}
```

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(231, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 190, 198) }
```

Border

The CSS property to change the border of an element to RYB 231, 190, 198 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(231, 190, 198) }
```

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

```
.border{ border-color:rgb(231, 190, 198) }
```

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

Here you see how a box with a 4 pixel rgb(231, 190, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 190, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 190, 198);  
box-shadow:4px 4px 4px 4px rgb(231, 190,  
198) }
```

Background

The CSS property to change the background color of an element to RGB 231, 190, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 190, 198) }
```

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

```
.background{ background-color: rgb(231,  
190, 198) }
```

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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