

Converting Colors

`RYB(231, 190, 213)`

Have a look what the booklet for RYB(231, 190, 213) contains.

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Color

$\text{RYB}(231, 190, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	E7BED5
RGB	231, 190, 213
RGB Percent	91%, 75%, 84%
CMY	0.0941, 0.2549, 0.1647
CMYK	0.00, 0.18, 0.08, 0.09
HSL	326°, 46%, 83%
HSV	326°, 18%, 91%
XYZ	63.3787, 58.6199, 70.9251
YIQ	204.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

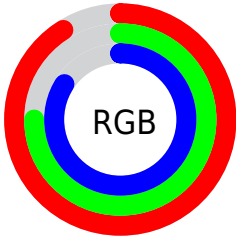
Format	Color
R _Y B	231, 190, 213
Decimal	15187669
CIE Lab	81.08, 18.36, -5.99
CIE LCh	81, 19.316, 341.941
Yxy	58.6199, 0.3285, 0.3039
Android (android.graphics.Color)	4293377749 (0xFFE7BED5)
YUV	204.8810, 4.0027, 22.9064
Hunter-Lab	76.5637, 13.7743, -1.3290

Details

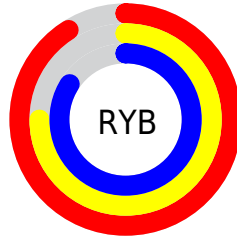
The RYB color **231, 190, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **190, 218, 231**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 246, 255**, and **175, 136, 158** is the 20% darker color. If you saturate the color by 10%, you get **231, 167, 203**, and if you desaturate by 10%, it is **231, 213, 223**.

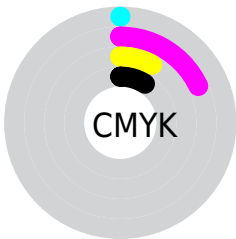
Distribution



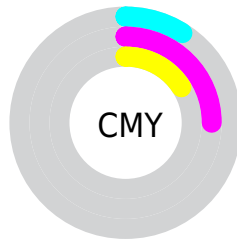
- Red (91%)
- Green (75%)
- Blue (84%)



- Red (91%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 231, 190, 213 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, 213 by changing the saturation by 10% instead.

 231, 190, 213

 231, 190, 213

255, 255, 255

 203, 163, 185

 255, 246, 255

 175, 136, 158


 148, 111, 132

 122, 86, 107


 97, 63, 83


 73, 40, 60


 49, 19, 38


 31, 0, 18


 0, 0, 0

 231, 190, 213


 231, 190, 213

 231, 167, 203


 231, 213, 223

 231, 144, 193


 231, 235, 236

 231, 121, 183


 231, 247, 255


 231, 98, 172

 231, 243, 255

 231, 75, 162

 231, 243, 255

 231, 51, 152

 231, 28, 142

 231, 5, 132

 231, 0, 130

Harmonies

Analogous

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



214, 194, 228



231, 190, 213



239, 189, 195

Triad

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



231, 190, 213



173, 208, 166



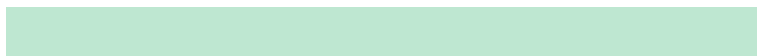
155, 186, 225

Complementary

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



231, 190, 213



190, 218, 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.



155, 185, 212



231, 190, 213



174, 208, 195

Square

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



231, 190, 213



226, 224, 167



168, 196, 211



168, 192, 235

Rectangle

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



231, 190, 213



239, 191, 183



168, 196, 211



153, 184, 220

Sweetspot

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



231, 190, 213



255, 242, 249



208, 190, 231



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



231, 190, 213



255, 201, 231



231, 190, 193



115, 103, 110



179, 0, 100



51, 0, 29

Inverse Universe

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



231, 190, 213



255, 201, 231



190, 211, 231



115, 103, 110



179, 0, 100



51, 0, 29

Previews

White Background



This preview shows how the RYB color 231, 190, 213 looks on a white background.

Color Contrast Check

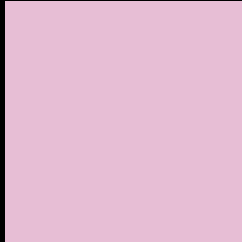
Large Text (above 18pt) WCAG AA × Fail

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, 213 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, 213 Background



This preview shows how black text looks on a background with the RYB color 231, 190, 213.



This preview shows how white text looks on a background with the RYB color 231, 190, 213.

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, 213

Protanopia
200, 200, 219

Deuteranopia
216, 196, 212



Tritanopia
230, 191, 206

Trichromacy



Original Color

231, 190, 213

Protanomaly

211, 196, 217

Deuteranomaly

221, 194, 212

Tritanomaly

230, 191, 209

Monochromacy



Original Color

231, 190, 213

Achromatopsia

205, 205, 205

Achromatomaly

214, 200, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 190, 213 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, 213) looks like.

```
.text, #text, p{  
    color:rgb(231, 190, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 190, 213) }
```

Border

The CSS property to change the border of an element to RYB 231, 190, 213 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, 213) }
```

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

```
.border{ border-color:rgb(231, 190, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 190, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 190, 213);  
box-shadow:4px 4px 4px 4px rgb(231, 190,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 231, 190, 213 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, 213) }
```

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

```
.background{ background-color: rgb(231,  
190, 213) }
```

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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