

Converting Colors

`RYB(231, 172, 179)`

Have a look what the booklet for
RYB(231, 172, 179) contains.

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Color

R_YB(231, 172, 179)

Conversions

Conversions Part 1

Format	Color
Hex	E7ACB3
RGB	231, 172, 179
RGB Percent	91%, 67%, 70%
CMY	0.0941, 0.3255, 0.2980
CMYK	0.00, 0.26, 0.23, 0.09
HSL	353°, 55%, 79%
HSV	353°, 26%, 91%
XYZ	55.8442, 49.7486, 49.3070
YIQ	190.4390, 32.9170, 14.6850

Conversions

Conversions Part 2

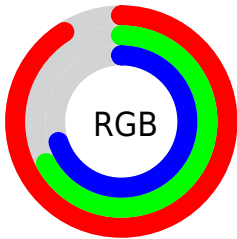
Format	Color
R _Y B	231, 172, 179
Decimal	15183027
CIE Lab	75.91, 22.59, 4.89
CIE LCh	76, 23.116, 12.212
Yxy	49.7486, 0.3605, 0.3212
Android (android.graphics.Color)	4293373107 (0xFFE7ACB3)
YUV	190.4390, -5.6394, 35.5720
Hunter-Lab	70.5327, 17.8949, 7.9253

Details

The RYB color **231, 172, 179** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **172, 203, 231**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 228, 235**, and **174, 119, 126** is the 20% darker color. If you saturate the color by 10%, you get **231, 149, 159**, and if you desaturate by 10%, it is **231, 195, 199**.

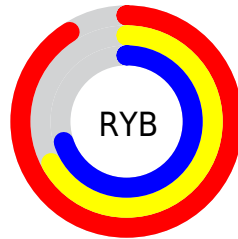
Distribution



Red (91%)

Green (67%)

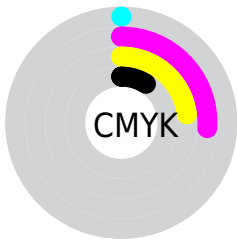
Blue (70%)



Red (91%)

Yellow (67%)

Blue (70%)

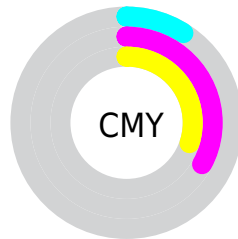


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the RYB color 231, 172, 179 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, 172, 179 by changing the saturation by 10% instead.

 231, 172, 179

255, 255, 255


 255, 228, 235

 231, 172, 179

 202, 145, 152

 174, 119, 126

 147, 94, 101

 121, 70, 78

 95, 47, 55

 70, 25, 34

 46, 2, 11

 13, 0, 0

 0, 0, 0

■ 231, 172, 179

■ 231, 172, 179

■ 231, 149, 159

■ 231, 195, 199

■ 231, 126, 138

■ 231, 218, 220

■ 231, 103, 118

■ 231, 236, 241

■ 231, 80, 98

■ 231, 243, 255

■ 231, 57, 77

■ 231, 33, 57

■ 231, 10, 36

■ 231, 0, 27

Harmonies

Analogous

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



222, 173, 201



231, 172, 179



228, 180, 159

Triad

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



231, 172, 179



155, 195, 180



146, 176, 227

Complementary

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



231, 172, 179



172, 203, 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.



129, 167, 215



231, 172, 179



147, 181, 198

Square

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



231, 172, 179



151, 194, 145



130, 166, 199



174, 184, 229

Rectangle

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



231, 172, 179



220, 200, 150



130, 166, 199



139, 173, 224

Sweetspot

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



231, 172, 179



255, 235, 237



223, 172, 231



128, 115, 116



0, 0, 0



128, 128, 128

Same Dimension

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



231, 172, 179



255, 176, 185



231, 207, 172



115, 103, 105



179, 0, 21



51, 0, 6

Inverse Universe

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



231, 172, 179



255, 176, 185



172, 195, 231



115, 103, 105



179, 0, 21



51, 0, 6

Previews

White Background



This preview shows how the RYB color 231, 172, 179 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, 172, 179 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, 172, 179 Background



This preview shows how black text looks on a background with the RYB color 231, 172, 179.



This preview shows how white text looks on a background with the RYB color 231, 172, 179.

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, 172, 179

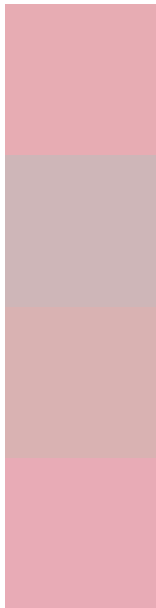
Protanopia
191, 187, 187

Deuteranopia
209, 182, 177



Tritanopia
232, 171, 184

Trichromacy



Original Color
231, 172, 179

Protanomaly
206, 182, 184

Deuteranomaly
217, 178, 178

Tritanomaly
232, 171, 182

Monochromacy



Original Color
231, 172, 179

Achromatopsia
190, 190, 190

Achromatomaly
205, 183, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 172, 179 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, 172, 179) looks like.

```
.text, #text, p{  
    color:rgb(231, 172, 179)  
}
```

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, 172, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 172, 179) }
```

Border

The CSS property to change the border of an element to RYB 231, 172, 179 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, 172, 179) }
```

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

```
.border{ border-color:rgb(231, 172, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 172, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 172, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 172, 179);  
box-shadow:4px 4px 4px 4px rgb(231, 172,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 231, 172, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 172, 179) }
```

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

```
.background{ background-color: rgb(231,  
172, 179) }
```

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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