

Converting Colors

`RYB(231, 171, 180)`

Have a look what the booklet for
RYB(231, 171, 180) contains.

RYB(231, 171, 180)	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(231, 171, 180)

Conversions

Conversions Part 1

Format	Color
Hex	E7ABB4
RGB	231, 171, 180
RGB Percent	91%, 67%, 71%
CMY	0.0941, 0.3294, 0.2941
CMYK	0.00, 0.26, 0.22, 0.09
HSL	351°, 56%, 79%
HSV	351°, 26%, 91%
XYZ	55.7561, 49.4100, 49.7784
YIQ	189.9660, 32.8710, 15.5190

Conversions

Conversions Part 2

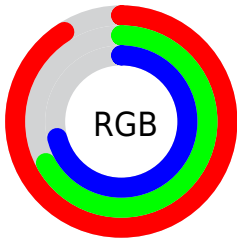
Format	Color
R _Y B	231, 171, 180
Decimal	15182772
CIE Lab	75.71, 23.27, 4.04
CIE LCh	76, 23.622, 9.851
Yxy	49.4100, 0.3598, 0.3189
Android (android.graphics.Color)	4293372852 (0xFFE7ABB4)
YUV	189.9660, -4.9132, 35.9868
Hunter-Lab	70.2923, 18.5755, 7.2176

Details

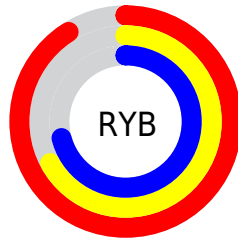
The RYB color **231, 171, 180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 203, 231**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 227, 236**, and **174, 118, 127** is the 20% darker color. If you saturate the color by 10%, you get **231, 148, 160**, and if you desaturate by 10%, it is **231, 194, 200**.

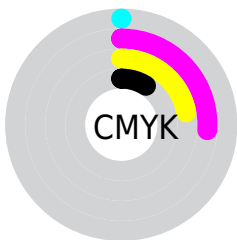
Distribution



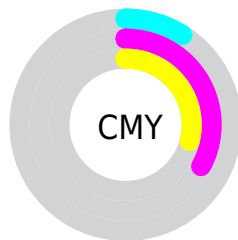
- Red (91%)
- Green (67%)
- Blue (71%)



- Red (91%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (26%)
- Yellow (22%)
- Black (9%)




- Cyan (9%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 231, 171, 180 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, 171, 180 by changing the saturation by 10% instead.

 231, 171, 180

255, 255, 255

 255, 227, 236

 231, 171, 180

 202, 144, 153

 174, 118, 127

 147, 93, 102

 120, 69, 78


 95, 46, 56


 70, 24, 34


 46, 1, 12


 12, 0, 0


 0, 0, 0


 231, 171, 180


 231, 171, 180

 231, 148, 160


 231, 194, 200


 231, 125, 141

 231, 217, 219


 231, 102, 121


 231, 236, 240


 231, 79, 101

 231, 243, 255

 231, 55, 82

 231, 32, 62

 231, 9, 43

 231, 0, 35

Harmonies

Analogous

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



221, 173, 202



231, 171, 180



229, 178, 160

Triad

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



231, 171, 180



153, 194, 176



143, 174, 227

Complementary

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



231, 171, 180



171, 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.



126, 165, 214



231, 171, 180



147, 182, 198

Square

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



231, 171, 180



155, 196, 144



129, 166, 199



170, 183, 229

Rectangle

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



231, 171, 180



221, 196, 150



129, 166, 199



135, 171, 224

Sweetspot

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



231, 171, 180



255, 235, 238



222, 171, 231



128, 115, 117



0, 0, 0



128, 128, 128

Same Dimension

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



231, 171, 180



255, 176, 188



231, 203, 171



115, 103, 105



179, 0, 27



51, 0, 8

Inverse Universe

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



231, 171, 180



255, 176, 188



171, 195, 231



115, 103, 105



179, 0, 27



51, 0, 8

Previews

White Background



This preview shows how the RYB color 231, 171, 180 looks on a white background.

Color Contrast Check

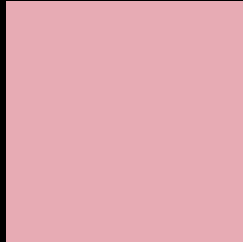
Large Text (above 18pt) WCAG AA × Fail

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, 171, 180 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, 171, 180 Background



This preview shows how black text looks on a background with the RYB color 231, 171, 180.



This preview shows how white text looks on a background with the RYB color 231, 171, 180.

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, 171, 180

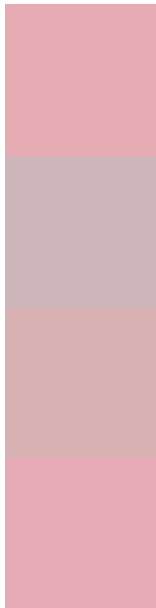
Protanopia
190, 186, 188

Deuteranopia
208, 181, 178



Tritanopia
231, 170, 184

Trichromacy



Original Color

231, 171, 180

Protanomaly

205, 181, 185

Deuteranomaly

216, 177, 179

Tritanomaly

231, 170, 183

Monochromacy



Original Color

231, 171, 180

Achromatopsia

190, 190, 190

Achromatomaly

205, 183, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 171, 180 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, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(231, 171, 180)  
}
```

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, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 171, 180) }
```

Border

The CSS property to change the border of an element to RYB 231, 171, 180 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, 171, 180) }
```

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

```
.border{ border-color:rgb(231, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(231, 171,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 231, 171, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 171, 180) }
```

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

```
.background{ background-color: rgb(231,  
171, 180) }
```

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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