

Converting Colors

`RYB(231, 140, 157)`

Have a look what the booklet for
RYB(231, 140, 157) contains.

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Color

$\text{RYB}(231, 140, 157)$

Conversions

Conversions Part 1

Format	Color
Hex	E78C9D
RGB	231, 140, 157
RGB Percent	91%, 55%, 62%
CMY	0.0941, 0.4510, 0.3843
CMYK	0.00, 0.39, 0.32, 0.09
HSL	349°, 65%, 73%
HSV	349°, 39%, 91%
XYZ	48.4189, 38.1794, 36.7157
YIQ	169.1470, 48.7790, 24.5790

Conversions

Conversions Part 2

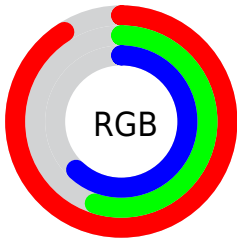
Format	Color
RYB	231, 140, 157
Decimal	15174813
CIELab	68.15, 36.60, 5.88
CIElCh	68, 37.070, 9.133
Yxy	38.1794, 0.3926, 0.3096
Android (android.graphics.Color)	4293364893 (0xFFE78C9D)
YUV	169.1470, -5.9885, 54.2451
Hunter-Lab	61.7895, 31.7428, 8.0222

Details

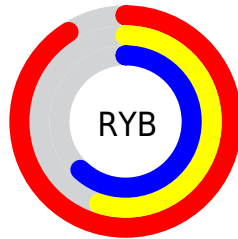
The RYB color **231, 140, 157** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **140, 190, 231**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 195, 211**, and **173, 88, 106** is the 20% darker color. If you saturate the color by 10%, you get **231, 117, 138**, and if you desaturate by 10%, it is **231, 163, 176**.

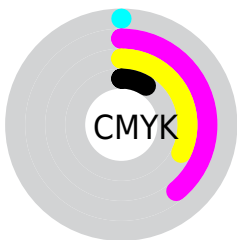
Distribution



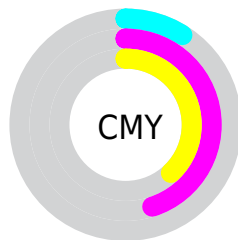
- Red (91%)
- Green (55%)
- Blue (62%)



- Red (91%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (39%)
- Yellow (32%)
- Black (9%)





- Cyan (9%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the RYB color 231, 140, 157 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, 140, 157 by changing the saturation by 10% instead.

 231, 140, 157

 231, 140, 157

255, 255, 255

 202, 114, 131

 255, 195, 211


 173, 88, 106

 255, 223, 240

 145, 63, 82

 255, 252, 255


 118, 38, 59


 91, 10, 37

 64, 0, 16

 41, 0, 1

 0, 0, 0

 231, 140, 157

 231, 140, 157

■ 231, 117, 138

■ 231, 163, 176

■ 231, 94, 119

■ 231, 186, 195

■ 231, 71, 101

■ 231, 209, 213

■ 231, 48, 82

■ 231, 232, 232

■ 231, 25, 63

■ 231, 244, 255

■ 231, 1, 44

■ 231, 243, 255

■ 231, 0, 43

Harmonies

Analogous

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



216, 143, 191



231, 140, 157



227, 150, 125

Triad

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



231, 140, 157



113, 177, 148



75, 136, 228

Complementary

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



231, 140, 157



140, 190, 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.



19, 106, 207



231, 140, 157



100, 155, 182

Square

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



231, 140, 157



112, 178, 99



52, 120, 184



134, 158, 232

Rectangle

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



231, 140, 157



216, 180, 110



52, 120, 184



55, 126, 223

Sweetspot

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



231, 140, 157



255, 224, 230



213, 140, 231



128, 110, 113



0, 0, 0



128, 128, 128

Same Dimension

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



231, 140, 157



255, 135, 158



231, 178, 140



115, 103, 105



179, 0, 33



51, 0, 10

Inverse Universe

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



231, 140, 157



255, 135, 158



140, 178, 231



115, 103, 105



179, 0, 33



51, 0, 10

Previews

White Background



This preview shows how the RYB color 231, 140, 157 looks on a white background.

Color Contrast Check

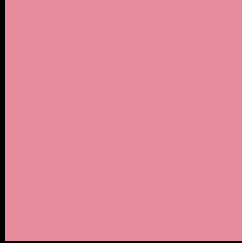
Large Text (above 18pt) WCAG AA × Fail

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, 140, 157 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, 140, 157 Background



This preview shows how black text looks on a background with the RYB color 231, 140, 157.

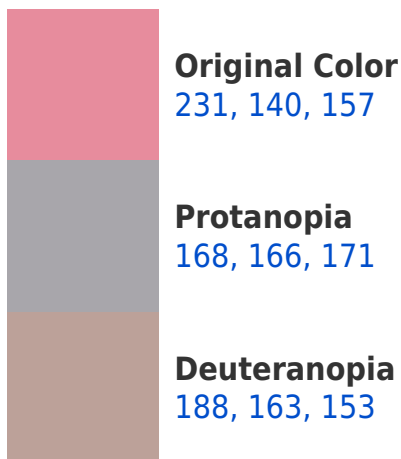



This preview shows how white text looks on a background with the RYB color 231, 140, 157.

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
230, 141, 151

Trichromacy



Original Color
231, 140, 157

Protanomaly
191, 157, 166

Deuteranomaly
204, 153, 154

Tritanomaly
230, 141, 153

Monochromacy



Original Color
231, 140, 157

Achromatopsia
169, 169, 169

Achromatomaly
192, 158, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 140, 157 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, 140, 157) looks like.

```
.text, #text, p{  
    color:rgb(231, 140, 157)  
}
```

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, 140, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 140, 157) }
```

Border

The CSS property to change the border of an element to RYB 231, 140, 157 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, 140, 157) }
```

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

```
.border{ border-color:rgb(231, 140, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 140, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 140, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 140, 157);  
box-shadow:4px 4px 4px 4px rgb(231, 140,  
157) }
```

Background

The CSS property to change the background color of an element to RYB 231, 140, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 140, 157) }
```

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

```
.background{ background-color: rgb(231,  
140, 157) }
```

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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