

Converting Colors

`RYB(241, 181, 200)`

Have a look what the booklet for
RYB(241, 181, 200) contains.

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Color

R_YB(241, 181, 200)

Conversions

Conversions Part 1

Format	Color
Hex	F1B5C8
RGB	241, 181, 200
RGB Percent	95%, 71%, 78%
CMY	0.0549, 0.2902, 0.2157
CMYK	0.00, 0.25, 0.17, 0.05
HSL	341°, 68%, 83%
HSV	341°, 25%, 95%
XYZ	63.2248, 55.9186, 62.1046
YIQ	201.1060, 29.6610, 18.6290

Conversions

Conversions Part 2

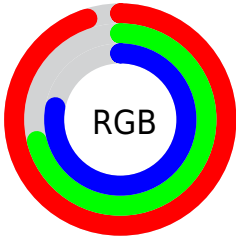
Format	Color
R _Y B	241, 181, 200
Decimal	15840712
CIE Lab	79.57, 24.54, -1.09
CIE LCh	80, 24.564, 357.452
Yxy	55.9186, 0.3488, 0.3085
Android (android.graphics.Color)	4294030792 (0xFFFF1B5C8)
YUV	201.1060, -0.5453, 34.9870
Hunter-Lab	74.7788, 20.0574, 3.1041

Details

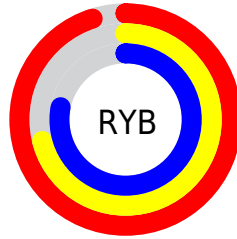
The RYB color **241, 181, 200** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **181, 217, 241**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 237, 255**, and **184, 128, 146** is the 20% darker color. If you saturate the color by 10%, you get **241, 157, 184**, and if you desaturate by 10%, it is **241, 205, 216**.

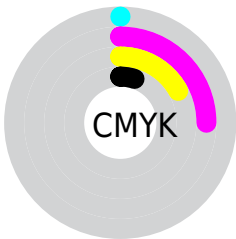
Distribution



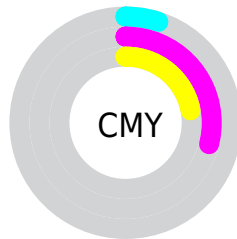
- Red (95%)
- Green (71%)
- Blue (78%)



- Red (95%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (17%)
- Black (5%)




- Cyan (5%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 241, 181, 200 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 241, 181, 200 by changing the saturation by 10% instead.

 241, 181, 200

255, 255, 255

 255, 237, 255

 241, 181, 200


 212, 154, 173

 184, 128, 146

 157, 102, 120


 130, 78, 96

 104, 54, 72

 79, 31, 50

 55, 9, 29

 36, 0, 2

 0, 0, 0

■ 241, 181, 200

■ 241, 181, 200

■ 241, 157, 184

■ 241, 205, 216

■ 241, 133, 167

■ 241, 229, 233

■ 241, 109, 151

■ 241, 248, 253

■ 241, 85, 134

■ 241, 248, 255

■ 241, 60, 118

■ 241, 36, 101

■ 241, 12, 85

■ 241, 0, 76

Harmonies

Analogous

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



225, 185, 222



241, 181, 200



244, 182, 177

Triad

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



241, 181, 200



156, 202, 166



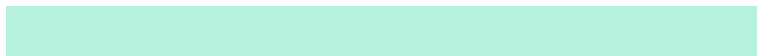
142, 180, 235

Complementary

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



241, 181, 200



181, 217, 241

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.



133, 173, 217



241, 181, 200



166, 203, 208

Square

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



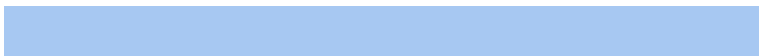
241, 181, 200



183, 216, 152



143, 181, 210



167, 190, 242

Rectangle

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



241, 181, 200



239, 193, 164



143, 181, 210



136, 177, 230

Sweetspot

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



241, 181, 200



255, 237, 243



222, 181, 241



128, 117, 121



0, 0, 0



128, 128, 128

Same Dimension

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



241, 181, 200



255, 179, 203



241, 194, 181



120, 108, 112



184, 0, 58



56, 0, 18

Inverse Universe

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



241, 181, 200



255, 179, 203



181, 208, 241



120, 108, 112



184, 0, 58



56, 0, 18

Previews

White Background



This preview shows how the RYB color 241, 181, 200 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 241, 181, 200 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 241, 181, 200 Background



This preview shows how black text looks on a background with the RYB color 241, 181, 200.



This preview shows how white text looks on a background with the RYB color 241, 181, 200.

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
241, 181, 200

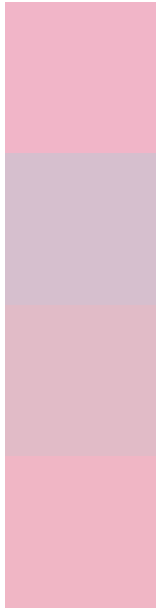
Protanopia
198, 196, 209

Deuteranopia
216, 191, 198



Tritanopia
240, 182, 196

Trichromacy



Original Color
241, 181, 200

Protanomaly
214, 191, 206

Deuteranomaly
225, 187, 199

Tritanomaly
240, 182, 197

Monochromacy



Original Color
241, 181, 200

Achromatopsia
201, 201, 201

Achromatomaly
216, 194, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 241, 181, 200 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(241, 181, 200)` looks like.

```
.text, #text, p{  
    color:rgb(241, 181, 200)  
}
```

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(241, 181, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 181, 200) }
```

Border

The CSS property to change the border of an element to RYB 241, 181, 200 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(241, 181, 200) }
```

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

```
.border{ border-color:rgb(241, 181, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 181, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 181, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 181, 200);  
box-shadow:4px 4px 4px 4px rgb(241, 181,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 241, 181, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 181, 200) }
```

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

```
.background{ background-color: rgb(241,  
181, 200) }
```

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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