

Converting Colors

`RYB(240, 197, 220)`

Have a look what the booklet for
RYB(240, 197, 220) contains.

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Color

R_YB(240, 197, 220)

Conversions

Conversions Part 1

Format	Color
Hex	F0C5DC
RGB	240, 197, 220
RGB Percent	94%, 77%, 86%
CMY	0.0588, 0.2275, 0.1373
CMYK	0.00, 0.18, 0.08, 0.06
HSL	328°, 59%, 86%
HSV	328°, 18%, 94%
XYZ	68.8197, 63.6251, 76.3638
YIQ	212.4790, 18.2450, 16.2690

Conversions

Conversions Part 2

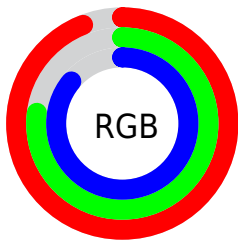
Format	Color
R _Y B	240, 197, 220
Decimal	15779292
CIE Lab	83.77, 18.94, -5.68
CIE LCh	84, 19.770, 343.314
Yxy	63.6251, 0.3296, 0.3047
Android (android.graphics.Color)	4293969372 (0xFF0C5DC)
YUV	212.4790, 3.7079, 24.1359
Hunter-Lab	79.7653, 14.4164, -0.9259

Details

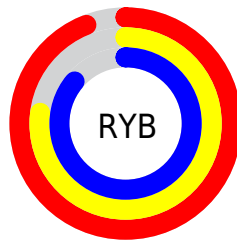
The RYB color **240, 197, 220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **197, 226, 240**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 254, 255**, and **184, 143, 165** is the 20% darker color. If you saturate the color by 10%, you get **240, 173, 209**, and if you desaturate by 10%, it is **240, 221, 231**.

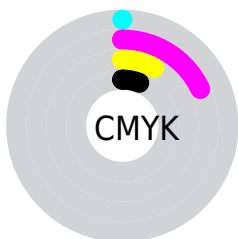
Distribution



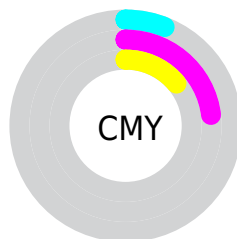
- Red (94%)
- Green (77%)
- Blue (86%)



- Red (94%)
- Yellow (77%)
- Blue (86%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (6%)




- Cyan (6%)
- Magenta (23%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 197, 220 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 240, 197, 220 by changing the saturation by 10% instead.


 240, 197, 220


255, 255, 255

255, 254, 255

 240, 197, 220


 211, 170, 192

 184, 143, 165

 157, 117, 139

 130, 92, 113

 105, 69, 89

 80, 46, 65

 56, 24, 43

 35, 0, 23

 0, 0, 0

■ 240, 197, 220

■ 240, 197, 220

■ 240, 173, 209

■ 240, 221, 231

■ 240, 149, 198

■ 240, 244, 245

■ 240, 125, 187

■ 240, 248, 255

■ 240, 101, 175

■ 240, 248, 255

■ 240, 77, 164

■ 240, 53, 153

■ 240, 29, 142

■ 240, 5, 131

■ 240, 0, 128

Harmonies

Analogous

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



222, 201, 236



240, 197, 220



248, 196, 201

Triad

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



240, 197, 220



179, 215, 173



161, 193, 234

Complementary

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



240, 197, 220



197, 226, 240

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.



161, 191, 220



240, 197, 220



181, 216, 204

Square

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



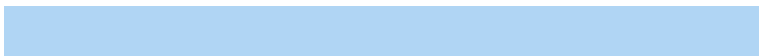
240, 197, 220



231, 233, 174



174, 203, 219



176, 200, 244

Rectangle

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



240, 197, 220



247, 198, 189



174, 203, 219



160, 192, 229

Sweetspot

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



240, 197, 220



255, 242, 249



216, 197, 240



128, 120, 124



0, 0, 0



128, 128, 128

Same Dimension

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



240, 197, 220



255, 199, 229



240, 197, 199



120, 108, 114



184, 0, 98



56, 0, 30

Inverse Universe

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



240, 197, 220



255, 199, 229



197, 219, 240



120, 108, 114



184, 0, 98



56, 0, 30

Previews

White Background



This preview shows how the RYB color 240, 197, 220 looks on a white background.

Color Contrast Check

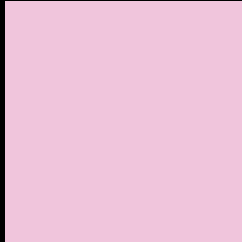
Large Text (above 18pt) WCAG AA × Fail

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 240, 197, 220 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 240, 197, 220 Background



This preview shows how black text looks on a background with the RYB color 240, 197, 220.



This preview shows how white text looks on a background with the RYB color 240, 197, 220.

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
240, 197, 220

Protanopia
208, 208, 227

Deuteranopia
225, 203, 219



Tritanopia
239, 198, 214

Trichromacy



Original Color
240, 197, 220

Protanomaly
220, 204, 224

Deuteranomaly
230, 201, 219

Tritanomaly
239, 198, 216

Monochromacy



Original Color
240, 197, 220

Achromatopsia
212, 212, 212

Achromatomaly
222, 207, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 197, 220 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(240, 197, 220) looks like.

```
.text, #text, p{  
    color:rgb(240, 197, 220)  
}
```

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(240, 197, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 197, 220) }
```

Border

The CSS property to change the border of an element to RYB 240, 197, 220 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(240, 197, 220) }
```

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

```
.border{ border-color:rgb(240, 197, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 197, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 197, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 197, 220);  
box-shadow:4px 4px 4px 4px rgb(240, 197,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 240, 197, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 197, 220) }
```

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

```
.background{ background-color: rgb(240,  
197, 220) }
```

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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