

Converting Colors

`RYB(240, 204, 241)`

Have a look what the booklet for
RYB(240, 204, 241) contains.

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Color

$\text{RYB}(240, 204, 241)$

Conversions

Conversions Part 1

Format	Color
Hex	F0CCF1
RGB	240, 204, 241
RGB Percent	94%, 80%, 95%
CMY	0.0588, 0.2000, 0.0549
CMYK	0.00, 0.15, 0.00, 0.05
HSL	298°, 57%, 87%
HSV	298°, 15%, 95%
XYZ	73.4052, 68.0619, 92.4875
YIQ	218.9820, 9.5790, 19.1390

Conversions

Conversions Part 2

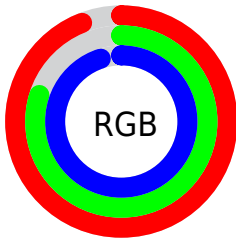
Format	Color
R _Y B	240, 204, 241
Decimal	15781105
CIE Lab	86.04, 18.92, -13.48
CIE LCh	86, 23.236, 324.528
Yxy	68.0619, 0.3138, 0.2909
Android (android.graphics.Color)	4293971185 (0xFFFF0CCF1)
YUV	218.9820, 10.8549, 18.4328
Hunter-Lab	82.4996, 14.4486, -8.7182

Details

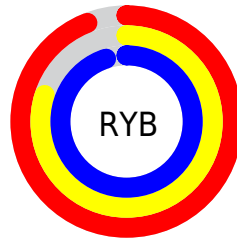
The RYB color **240, 204, 241** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **204, 241, 240**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 150, 185** is the 20% darker color. If you saturate the color by 10%, you get **239, 180, 241**, and if you desaturate by 10%, it is **241, 228, 241**.

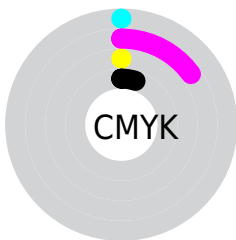
Distribution



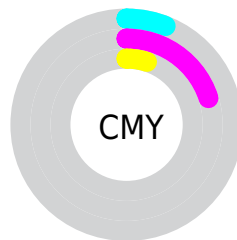
- Red (94%)
- Green (80%)
- Blue (95%)



- Red (94%)
- Yellow (80%)
- Blue (95%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 204, 241 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, 204, 241 by changing the saturation by 10% instead.

■ 240, 204, 241

255, 255, 255

■ 240, 204, 241

■ 212, 176, 213

■ 184, 150, 185

■ 157, 124, 158

■ 130, 99, 132

■ 105, 75, 107

■ 80, 52, 82


■ 57, 30, 59


■ 35, 8, 37


■ 0, 0, 15

 240, 204, 241

 240, 204, 241


 239, 180, 241

 241, 228, 241


 239, 156, 241

 241, 252, 252


 238, 132, 241


 241, 255, 254


 237, 108, 241


 241, 255, 253


 237, 84, 241


 241, 255, 252

 236, 59, 241

 241, 255, 251

 235, 35, 241

 241, 255, 250

 235, 11, 241

 234, 0, 241

Harmonies

Analogous

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



214, 211, 255



240, 204, 241



255, 200, 220

Triad

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



240, 204, 241



210, 236, 172



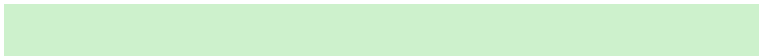
155, 193, 233

Complementary

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



240, 204, 241



204, 241, 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.



166, 202, 228



240, 204, 241



175, 219, 181

Square

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



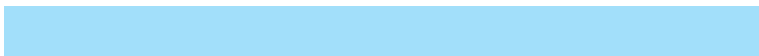
240, 204, 241



253, 218, 180



188, 224, 225



162, 198, 250

Rectangle

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



240, 204, 241



255, 200, 205



188, 224, 225



157, 193, 228

Sweetspot

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



240, 204, 241



255, 242, 255



204, 205, 241



127, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



240, 204, 241



254, 209, 255



241, 204, 224



120, 108, 120



179, 0, 184



55, 0, 56

Inverse Universe

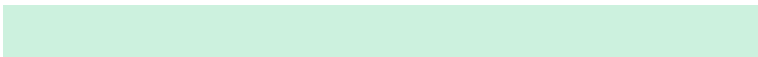
The Inverse Universe completely reimagines the original color for something new.



241, 204, 205



255, 209, 210



204, 229, 241



120, 108, 108



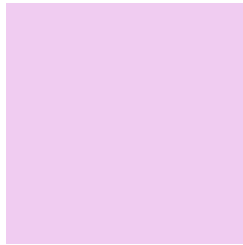
184, 0, 5



56, 0, 2

Previews

White Background



This preview shows how the RYB color 240, 204, 241 looks on a white background.

Color Contrast Check

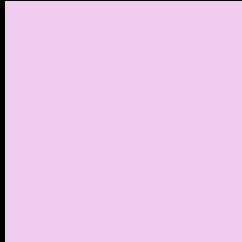
Large Text (above 18pt) WCAG AA × Fail

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, 204, 241 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, 204, 241 Background



This preview shows how black text looks on a background with the RYB color 240, 204, 241.



This preview shows how white text looks on a background with the RYB color 240, 204, 241.

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, 204, 241

Protanopia
210, 214, 247

Deuteranopia
225, 210, 240



Tritanopia
237, 207, 223

Trichromacy



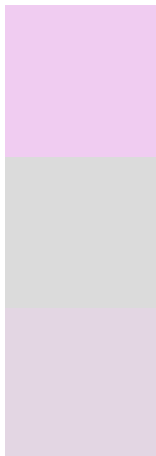
Original Color
240, 204, 241

Protanomaly
221, 210, 245

Deuteranomaly
230, 208, 240

Tritanomaly
238, 206, 230

Monochromacy



Original Color
240, 204, 241

Achromatopsia
219, 219, 219

Achromatomaly
227, 214, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 204, 241 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, 204, 241) looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 241)  
}
```

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, 204, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 241) }
```

Border

The CSS property to change the border of an element to RYB 240, 204, 241 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, 204, 241) }
```

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

```
.border{ border-color:rgb(240, 204, 241) }
```

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

Here you see how a box with a 4 pixel rgb(240, 204, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
241) }
```

Background

The CSS property to change the background color of an element to RYB 240, 204, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 204, 241) }
```

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

```
.background{ background-color: rgb(240,  
204, 241) }
```

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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