

Converting Colors

`RYB(240, 179, 228)`

Have a look what the booklet for
RYB(240, 179, 228) contains.

RYB(240, 179, 228)	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(240, 179, 228)

Conversions

Conversions Part 1

Format	Color
Hex	F0B3E4
RGB	240, 179, 228
RGB Percent	94%, 70%, 89%
CMY	0.0588, 0.2980, 0.1059
CMYK	0.00, 0.25, 0.05, 0.06
HSL	312°, 67%, 82%
HSV	312°, 25%, 94%
XYZ	66.0589, 56.3669, 80.7970
YIQ	202.8250, 20.6270, 28.1710

Conversions

Conversions Part 2

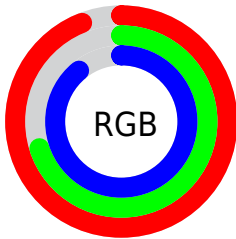
Format	Color
R _Y B	240, 179, 228
Decimal	15774692
CIE Lab	79.82, 29.87, -15.86
CIE LCh	80, 33.817, 332.036
Yxy	56.3669, 0.3251, 0.2774
Android (android.graphics.Color)	4293964772 (0xFFFF0B3E4)
YUV	202.8250, 12.4113, 32.6025
Hunter-Lab	75.0779, 25.6707, -11.2519

Details

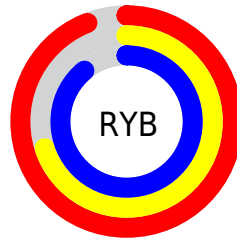
The RYB color **240, 179, 228** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **179, 230, 240**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 235, 255**, and **183, 126, 173** is the 20% darker color. If you saturate the color by 10%, you get **240, 155, 223**, and if you desaturate by 10%, it is **240, 203, 233**.

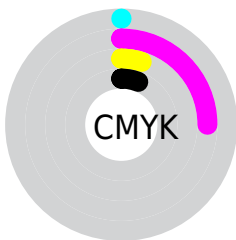
Distribution



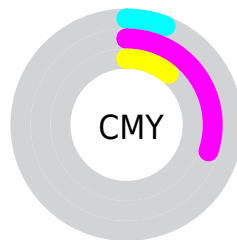
- Red (94%)
- Green (70%)
- Blue (89%)



- Red (94%)
- Yellow (70%)
- Blue (89%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 240, 179, 228 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, 179, 228 by changing the saturation by 10% instead.

 240, 179, 228

 240, 179, 228


255, 255, 255

 211, 152, 200

 255, 235, 255

 183, 126, 173

 156, 100, 146

 129, 75, 120

 103, 52, 95

 78, 28, 72


 54, 4, 49

 36, 0, 28


 0, 0, 0

 240, 179, 228


 240, 179, 228

 240, 155, 223


 240, 203, 233

 240, 131, 219


 240, 227, 237

 240, 107, 214


 240, 249, 251

 240, 83, 209


 240, 250, 255

 240, 59, 204

 240, 248, 255

 240, 35, 200

 240, 248, 255

 240, 11, 195

 240, 0, 193

Harmonies

Analogous

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



205, 189, 251



240, 179, 228



255, 174, 197

Triad

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



240, 179, 228



163, 218, 135



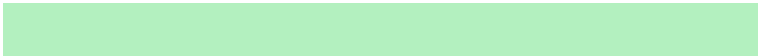
96, 159, 230

Complementary

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



240, 179, 228



179, 230, 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.



113, 168, 215



240, 179, 228



144, 206, 166

Square

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



240, 179, 228



245, 217, 143



147, 197, 212



116, 171, 253

Rectangle

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



240, 179, 228



255, 175, 176



147, 197, 212



98, 158, 220

Sweetspot

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



240, 179, 228



255, 235, 251



190, 179, 240



128, 115, 125



0, 0, 0



128, 128, 128

Same Dimension

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



240, 179, 228



255, 176, 239



240, 179, 198



120, 108, 117



184, 0, 147



56, 0, 45

Inverse Universe

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



240, 179, 228



255, 176, 239



179, 215, 240



120, 108, 117



184, 0, 147



56, 0, 45

Previews

White Background



This preview shows how the RYB color 240, 179, 228 looks on a white background.

Color Contrast Check

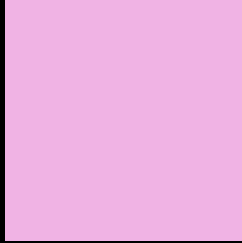
Large Text (above 18pt) WCAG AA × Fail

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, 179, 228 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, 179, 228 Background



This preview shows how black text looks on a background with the RYB color 240, 179, 228.

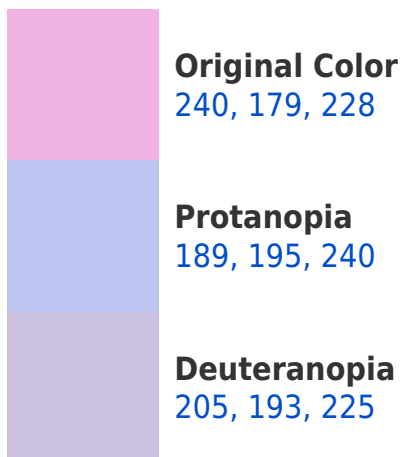



This preview shows how white text looks on a background with the RYB color 240, 179, 228.

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
236, 184, 199

Trichromacy



Original Color

240, 179, 228



Protanomaly

208, 190, 236



Deuteranomaly

218, 188, 226



Tritanomaly

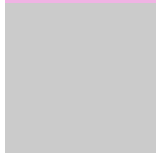
237, 182, 210

Monochromacy



Original Color

240, 179, 228



Achromatopsia

203, 203, 203



Achromatomaly

216, 194, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 179, 228 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, 179, 228) looks like.

```
.text, #text, p{  
    color:rgb(240, 179, 228)  
}
```

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, 179, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 179, 228) }
```

Border

The CSS property to change the border of an element to RYB 240, 179, 228 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, 179, 228) }
```

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

```
.border{ border-color:rgb(240, 179, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 179, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 179, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 179, 228);  
box-shadow:4px 4px 4px 4px rgb(240, 179,  
228) }
```

Background

The CSS property to change the background color of an element to RYB 240, 179, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 179, 228) }
```

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

```
.background{ background-color: rgb(240,  
179, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor