

Converting Colors

`RYB(252, 177, 249)`

Have a look what the booklet for
RYB(252, 177, 249) contains.

RYB(252, 177, 249)	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(252, 177, 249)

Conversions

Conversions Part 1

Format	Color
Hex	FCB1F9
RGB	252, 177, 249
RGB Percent	99%, 69%, 98%
CMY	0.0118, 0.3059, 0.0235
CMYK	0.00, 0.30, 0.01, 0.01
HSL	302°, 93%, 84%
HSV	302°, 30%, 99%
XYZ	72.9659, 58.9793, 97.1609
YIQ	207.6330, 21.5880, 38.2920

Conversions

Conversions Part 2

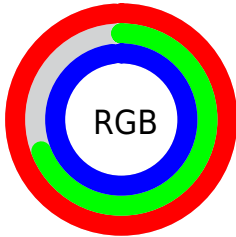
Format	Color
R _Y B	252, 177, 249
Decimal	16560633
CIE Lab	81.28, 38.51, -24.82
CIE LCh	81, 45.819, 327.194
Yxy	58.9793, 0.3185, 0.2574
Android (android.graphics.Color)	4294750713 (0xFFFCB1F9)
YUV	207.6330, 20.3939, 38.9099
Hunter-Lab	76.7980, 35.1968, -21.2522

Details

The RYB color **252, 177, 249** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **177, 249, 252**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 233, 255**, and **194, 123, 192** is the 20% darker color. If you saturate the color by 10%, you get **252, 152, 248**, and if you desaturate by 10%, it is **252, 202, 250**.

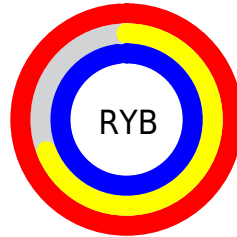
Distribution



Red (99%)

Green (69%)

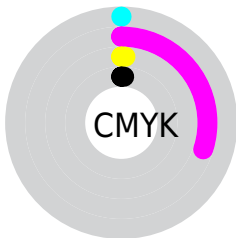
Blue (98%)



Red (99%)

Yellow (69%)

Blue (98%)

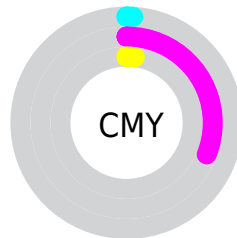


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (1%)



Cyan (1%)

Magenta (31%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 177, 249 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 252, 177, 249 by changing the saturation by 10% instead.


 252, 177, 249

255, 255, 255

 255, 233, 255

 252, 177, 249

 223, 150, 220

 194, 123, 192

 167, 97, 165

 139, 72, 139

 113, 48, 113

 87, 22, 88

 62, 0, 65

 41, 0, 43

 0, 0, 21

■ 252, 177, 249

■ 252, 177, 249

■ 252, 152, 248

■ 252, 202, 250

■ 252, 127, 247

■ 252, 227, 251

■ 252, 101, 246

■ 252, 253, 253

■ 252, 76, 245

■ 252, 254, 255

■ 252, 51, 244

■ 252, 254, 255

■ 252, 26, 243

■ 252, 254, 255

■ 252, 1, 242

■ 252, 0, 242

Harmonies

Analogous

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



201, 192, 255



252, 177, 249



255, 168, 208

Triad

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



252, 177, 249



165, 233, 115



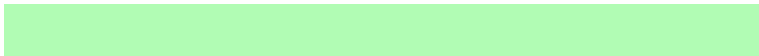
0, 116, 240

Complementary

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



252, 177, 249



177, 249, 252

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.



75, 157, 224



252, 177, 249



124, 211, 145

Square

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



252, 177, 249



255, 221, 131



138, 207, 220



27, 131, 255

Rectangle

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



252, 177, 249



255, 169, 179



138, 207, 220



0, 113, 226

Sweetspot

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



252, 177, 249



255, 232, 254



179, 177, 252



128, 113, 127



0, 0, 0



128, 128, 128

Same Dimension

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



252, 177, 249



255, 163, 251



252, 177, 212



125, 112, 124



189, 0, 181



61, 0, 59

Inverse Universe

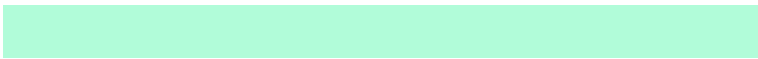
The Inverse Universe completely reimagines the original color for something new.



252, 177, 249



255, 163, 251



177, 226, 252



125, 112, 124



189, 0, 181



61, 0, 59

Previews

White Background



This preview shows how the RYB color 252, 177, 249 looks on a white background.

Color Contrast Check

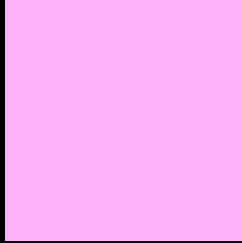
Large Text (above 18pt) WCAG AA × Fail

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 252, 177, 249 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 252, 177, 249 Background



This preview shows how black text looks on a background with the RYB color 252, 177, 249.




This preview shows how white text looks on a background with the RYB color 252, 177, 249.

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
246, 186, 201

Trichromacy



Original Color

252, 177, 249



Protanomaly

211, 192, 253



Deuteranomaly

220, 190, 246



Tritanomaly

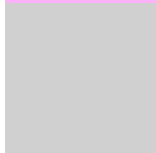
248, 183, 218

Monochromacy



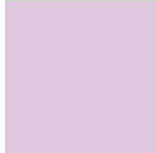
Original Color

252, 177, 249



Achromatopsia

208, 208, 208



Achromatomaly

224, 197, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 177, 249 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(252, 177, 249) looks like.

```
.text, #text, p{  
    color:rgb(252, 177, 249)  
}
```

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(252, 177, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 177, 249) }
```

Border

The CSS property to change the border of an element to RYB 252, 177, 249 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(252, 177, 249) }
```

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

```
.border{ border-color:rgb(252, 177, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 177, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 177, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 177, 249);  
box-shadow:4px 4px 4px 4px rgb(252, 177,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 252, 177, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 177, 249) }
```

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

```
.background{ background-color: rgb(252,  
177, 249) }
```

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