

Converting Colors

`RYB(252, 180, 233)`

Have a look what the booklet for
RYB(252, 180, 233) contains.

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Color

`RYB(252, 180, 233)`

Conversions

Conversions Part 1

Format	Color
Hex	FCB4E9
RGB	252, 180, 233
RGB Percent	99%, 71%, 91%
CMY	0.0118, 0.2941, 0.0863
CMYK	0.00, 0.29, 0.08, 0.01
HSL	316°, 92%, 85%
HSV	316°, 29%, 99%
XYZ	71.1741, 59.2212, 84.7703
YIQ	207.5700, 25.8990, 31.7470

Conversions

Conversions Part 2

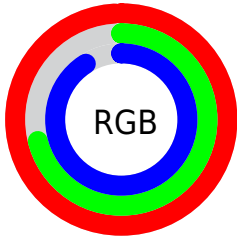
Format	Color
R _Y B	252, 180, 233
Decimal	16561385
CIE Lab	81.41, 34.16, -16.04
CIE LCh	81, 37.737, 334.854
Yxy	59.2212, 0.3308, 0.2752
Android (android.graphics.Color)	4294751465 (0xFFFCB4E9)
YUV	207.5700, 12.5370, 38.9651
Hunter-Lab	76.9553, 30.4187, -11.4424

Details

The RYB color **252, 180, 233** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **180, 237, 252**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 236, 255**, and **195, 126, 177** is the 20% darker color. If you saturate the color by 10%, you get **252, 155, 226**, and if you desaturate by 10%, it is **252, 205, 240**.

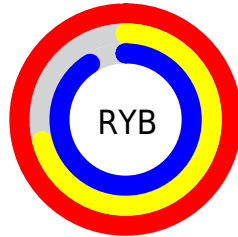
Distribution



Red (99%)

Green (71%)

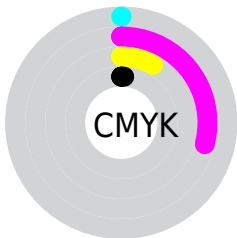
Blue (91%)



Red (99%)

Yellow (71%)

Blue (91%)

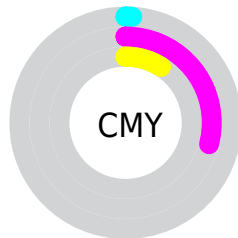


Cyan (0%)

Magenta (29%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (29%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 252, 180, 233 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, 180, 233 by changing the saturation by 10% instead.

 252, 180, 233

255, 255, 255


 255, 236, 255

 252, 180, 233

 223, 153, 205

 195, 126, 177

 167, 101, 151

 140, 76, 125

 113, 51, 100

 88, 27, 76

 63, 1, 53

 42, 0, 32

 0, 0, 3

■ 252, 180, 233

■ 252, 180, 233

■ 252, 155, 226

■ 252, 205, 240

■ 252, 130, 220

■ 252, 230, 246

■ 252, 104, 213

■ 252, 254, 255

■ 252, 79, 206

■ 252, 254, 255

■ 252, 54, 200

■ 252, 29, 193

■ 252, 4, 186

■ 252, 0, 185

Harmonies

Analogous

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



214, 191, 255



252, 180, 233



255, 175, 198

Triad

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



252, 180, 233



155, 221, 131



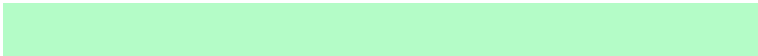
79, 154, 241

Complementary

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



252, 180, 233



180, 237, 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.



99, 164, 222



252, 180, 233



143, 212, 172

Square

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



252, 180, 233



251, 233, 139



141, 197, 219



109, 170, 255

Rectangle

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



252, 180, 233



255, 177, 174



141, 197, 219



81, 153, 231

Sweetspot

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



252, 180, 233



255, 232, 249



198, 180, 252



128, 113, 124



0, 0, 0



128, 128, 128

Same Dimension

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



252, 180, 233



255, 168, 232



252, 180, 198



125, 112, 122



189, 0, 139



61, 0, 45

Inverse Universe

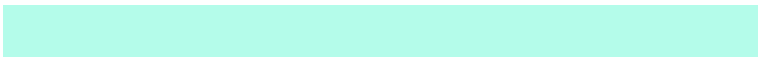
The Inverse Universe completely reimagines the original color for something new.



252, 180, 233



255, 168, 232



180, 221, 252



125, 112, 122



189, 0, 139



61, 0, 45

Previews

White Background



This preview shows how the RYB color 252, 180, 233 looks on a white background.

Color Contrast Check

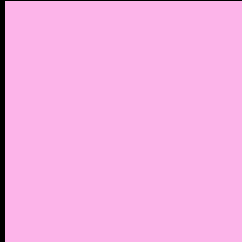
Large Text (above 18pt) WCAG AA × Fail

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, 180, 233 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, 180, 233 Background



This preview shows how black text looks on a background with the RYB color 252, 180, 233.



This preview shows how white text looks on a background with the RYB color 252, 180, 233.

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
252, 180, 233

Protanopia
192, 200, 247

Deuteranopia
210, 197, 230



Tritanopia
248, 186, 200

Trichromacy



Original Color

252, 180, 233



Protanomaly

214, 193, 242



Deuteranomaly

225, 191, 231



Tritanomaly

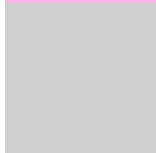
249, 184, 212

Monochromacy



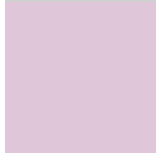
Original Color

252, 180, 233



Achromatopsia

208, 208, 208



Achromatomaly

224, 198, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 252, 180, 233 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, 180, 233)` looks like.

```
.text, #text, p{  
    color:rgb(252, 180, 233)  
}
```

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, 180, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 180, 233) }
```

Border

The CSS property to change the border of an element to RYB 252, 180, 233 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, 180, 233) }
```

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

```
.border{ border-color:rgb(252, 180, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 180, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 180, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 180, 233);  
box-shadow:4px 4px 4px 4px rgb(252, 180,  
233) }
```

Background

The CSS property to change the background color of an element to RYB 252, 180, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 180, 233) }
```

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

```
.background{ background-color: rgb(252,  
180, 233) }
```

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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