

Converting Colors

`RYB(253, 131, 174)`

Have a look what the booklet for
RYB(253, 131, 174) contains.

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Color

R_YB(253, 131, 174)

Conversions

Conversions Part 1

Format	Color
Hex	FD83AE
RGB	253, 131, 174
RGB Percent	99%, 51%, 68%
CMY	0.0078, 0.4863, 0.3176
CMYK	0.00, 0.48, 0.31, 0.01
HSL	339°, 97%, 75%
HSV	339°, 48%, 99%
XYZ	56.2643, 40.1712, 44.8328
YIQ	172.3800, 58.9090, 39.2370

Conversions

Conversions Part 2

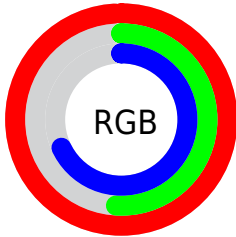
Format	Color
R _Y B	253, 131, 174
Decimal	16614318
CIE Lab	69.59, 50.90, -1.22
CIE LCh	70, 50.911, 358.628
Yxy	40.1712, 0.3983, 0.2844
Android (android.graphics.Color)	4294804398 (0xFFFD83AE)
YUV	172.3800, 0.7987, 70.7037
Hunter-Lab	63.3808, 47.5414, 2.4274

Details

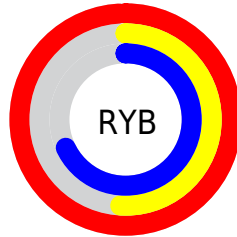
The RYB color **253, 131, 174** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **131, 205, 253**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 187, 229**, and **193, 77, 122** is the 20% darker color. If you saturate the color by 10%, you get **253, 106, 158**, and if you desaturate by 10%, it is **253, 156, 190**.

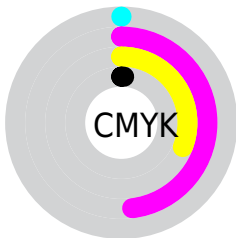
Distribution



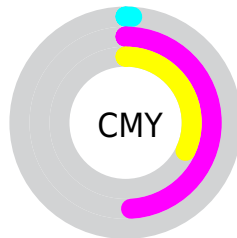
- Red (99%)
- Green (51%)
- Blue (68%)



- Red (99%)
- Yellow (51%)
- Blue (68%)



- Cyan (0%)
- Magenta (48%)
- Yellow (31%)
- Black (1%)



- Cyan (1%)
- Magenta (49%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 131, 174 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 253, 131, 174 by changing the saturation by 10% instead.

 253, 131, 174

 253, 131, 174

255, 255, 255

 223, 104, 147

 255, 187, 229

 193, 77, 122

 255, 215, 255

 164, 49, 97

 255, 244, 255

 136, 16, 73

 108, 0, 51

 80, 0, 30

 57, 0, 4

 15, 0, 0

 0, 0, 0

■ 253, 131, 174

■ 253, 131, 174

■ 253, 106, 158

■ 253, 156, 190

■ 253, 80, 141

■ 253, 182, 207

■ 253, 55, 125

■ 253, 207, 223

■ 253, 30, 108

■ 253, 232, 240

■ 253, 5, 92

253, 254, 255

■ 253, 0, 89

Harmonies

Analogous

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



225, 141, 219



253, 131, 174



255, 135, 128

Triad

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



253, 131, 174



86, 180, 113



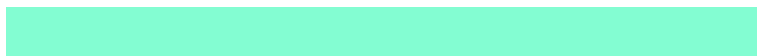
0, 107, 248

Complementary

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



253, 131, 174



131, 205, 253

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.



0, 101, 213



253, 131, 174



94, 169, 189

Square

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



253, 131, 174



118, 199, 75



0, 104, 193



78, 141, 255

Rectangle

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



253, 131, 174



244, 162, 102



0, 104, 193



0, 106, 238

Sweetspot

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



253, 131, 174



255, 219, 232



208, 131, 253



128, 106, 113



0, 0, 0



128, 128, 128

Same Dimension

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



253, 131, 174



255, 107, 159



253, 149, 131



128, 115, 119



191, 0, 67



64, 0, 22

Inverse Universe

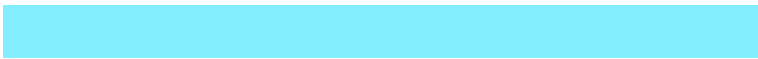
The Inverse Universe completely reimagines the original color for something new.



253, 131, 174



255, 107, 159



131, 188, 253



128, 115, 119



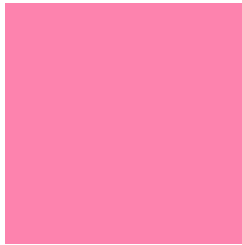
191, 0, 67



64, 0, 22

Previews

White Background



This preview shows how the RYB color 253, 131, 174 looks on a white background.

Color Contrast Check

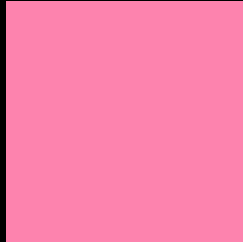
Large Text (above 18pt) WCAG AA × Fail

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 253, 131, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

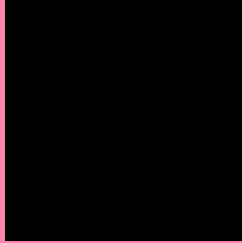
Any Text WCAG AA ✓ Pass

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 253, 131, 174 Background



This preview shows how black text looks on a background with the RYB color 253, 131, 174.

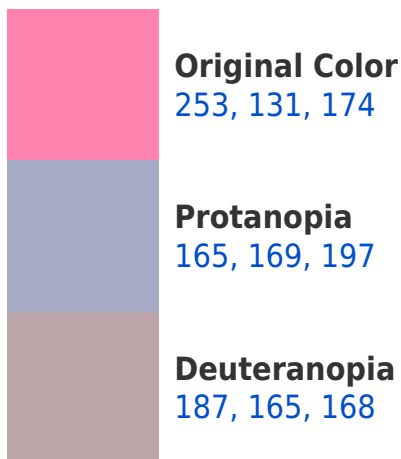


This preview shows how white text looks on a background with the RYB color 253, 131, 174.

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





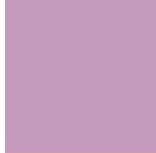
Tritanopia
251, 136, 146

Trichromacy



Original Color

253, 131, 174



Protanomaly

197, 155, 189



Deuteranomaly

211, 153, 170



Tritanomaly

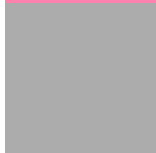
252, 134, 156

Monochromacy



Original Color

253, 131, 174



Achromatopsia

172, 172, 172



Achromatomaly

201, 157, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 131, 174 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(253, 131, 174) looks like.

```
.text, #text, p{  
    color:rgb(253, 131, 174)  
}
```

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(253, 131, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 131, 174) }
```

Border

The CSS property to change the border of an element to RYB 253, 131, 174 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(253, 131, 174) }
```

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

```
.border{ border-color:rgb(253, 131, 174) }
```

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

Here you see how a box with a 4 pixel rgb(253, 131, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 131, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 131, 174);  
box-shadow:4px 4px 4px 4px rgb(253, 131,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 253, 131, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 131, 174) }
```

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

```
.background{ background-color: rgb(253,  
131, 174) }
```

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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