

Converting Colors

`RYB(247, 173, 206)`

Have a look what the booklet for
RYB(247, 173, 206) contains.

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Color

RYB(247, 173, 206)

Conversions

Conversions Part 1

Format	Color
Hex	F7ADCE
RGB	247, 173, 206
RGB Percent	97%, 68%, 81%
CMY	0.0314, 0.3216, 0.1922
CMYK	0.00, 0.30, 0.17, 0.03
HSL	333°, 82%, 82%
HSV	333°, 30%, 97%
XYZ	64.4419, 54.1175, 65.4418
YIQ	198.8880, 33.5110, 25.9510

Conversions

Conversions Part 2

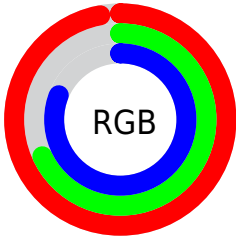
Format	Color
R_{YB}	247, 173, 206
Decimal	16231886
CIE _{Lab}	78.53, 31.79, -5.80
CIE _{LCh}	79, 32.318, 349.662
Yxy	54.1175, 0.3502, 0.2941
Android (android.graphics.Color)	4294421966 (0xFF7ADCE)
YUV	198.8880, 3.5062, 42.1942
Hunter-Lab	73.5646, 27.6263, -1.2481

Details

The RYB color **247, 173, 206** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **173, 221, 247**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **255, 229, 255**, and **190, 120, 152** is the 20% darker color. If you saturate the color by 10%, you get **247, 148, 192**, and if you desaturate by 10%, it is **247, 198, 220**.

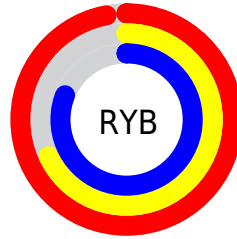
Distribution



Red (97%)

Green (68%)

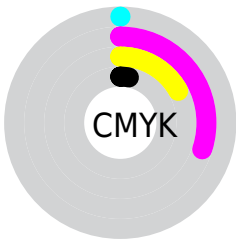
Blue (81%)



Red (97%)

Yellow (68%)

Blue (81%)

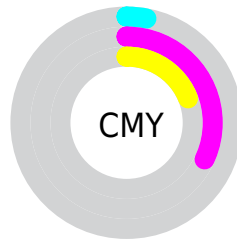


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (3%)



Cyan (3%)


Magenta (32%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 247, 173, 206 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 247, 173, 206 by changing the saturation by 10% instead.


 247, 173, 206

 247, 173, 206

255, 255, 255

 218, 146, 179


 255, 229, 255

 190, 120, 152

 162, 94, 126

 135, 70, 101

 108, 46, 77

 83, 21, 54

 58, 0, 33

 38, 0, 9

 0, 0, 0

■ 247, 173, 206

■ 247, 173, 206

■ 247, 148, 192

■ 247, 198, 220

■ 247, 124, 179

■ 247, 222, 233

■ 247, 99, 165

■ 247, 247, 247

■ 247, 74, 151

■ 247, 251, 255

■ 247, 50, 138

■ 247, 25, 124

■ 247, 0, 110

Harmonies

Analogous

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



222, 180, 233



247, 173, 206



255, 173, 176

Triad

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



247, 173, 206



137, 199, 141



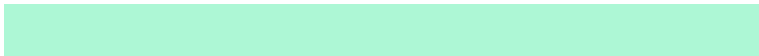
106, 163, 239

Complementary

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



247, 173, 206



173, 221, 247

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.



102, 157, 213



247, 173, 206



155, 206, 200

Square

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



247, 173, 206



196, 225, 136



127, 177, 210



140, 179, 253

Rectangle

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



247, 173, 206



251, 181, 157



127, 177, 210



100, 160, 232

Sweetspot

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



247, 173, 206



255, 232, 242



214, 173, 247



128, 113, 120



0, 0, 0



128, 128, 128

Same Dimension

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



247, 173, 206



255, 163, 204



247, 177, 173



122, 110, 116



186, 0, 83



59, 0, 26

Inverse Universe

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



247, 173, 206



255, 163, 204



173, 209, 247



122, 110, 116



186, 0, 83



59, 0, 26

Previews

White Background



This preview shows how the RYB color 247, 173, 206 looks on a white background.

Color Contrast Check

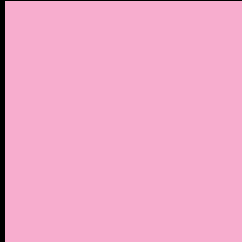
Large Text (above 18pt) WCAG AA × Fail

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 247, 173, 206 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 247, 173, 206 Background



This preview shows how black text looks on a background with the RYB color 247, 173, 206.



This preview shows how white text looks on a background with the RYB color 247, 173, 206.

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
247, 173, 206

Protanopia
191, 193, 219

Deuteranopia
210, 189, 203



Tritanopia
245, 176, 189

Trichromacy



Original Color

247, 173, 206



Protanomaly

211, 186, 214



Deuteranomaly

223, 183, 204



Tritanomaly

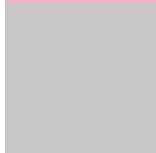
246, 175, 195

Monochromacy



Original Color

247, 173, 206



Achromatopsia

199, 199, 199



Achromatomaly

216, 190, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 247, 173, 206 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(247, 173, 206) looks like.

```
.text, #text, p{  
    color:rgb(247, 173, 206)  
}
```

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(247, 173, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 206) }
```

Border

The CSS property to change the border of an element to RYB 247, 173, 206 is called "border". The border property can be set on classes, ids or directly on the HTML element.

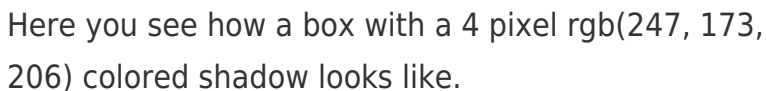
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 173, 206) }
```

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

```
.border{ border-color:rgb(247, 173, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 173, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 206);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 247, 173, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 173, 206) }
```

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

```
.background{ background-color: rgb(247,  
173, 206) }
```

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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