

Converting Colors

`RYB(255, 210, 244)`

Have a look what the booklet for
RYB(255, 210, 244) contains.

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Color

`RYB(255, 210, 244)`

Conversions

Conversions Part 1

Format	Color
Hex	FFD2F4
RGB	255, 210, 244
RGB Percent	100%, 82%, 96%
CMY	0.0000, 0.1765, 0.0431
CMYK	0.00, 0.18, 0.04, 0.00
HSL	315°, 100%, 91%
HSV	315°, 18%, 100%
XYZ	80.6157, 73.8848, 95.6002
YIQ	227.3310, 15.9060, 20.1140

Conversions

Conversions Part 2

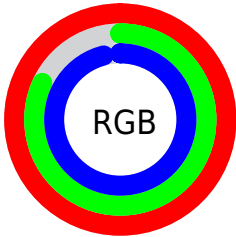
Format	Color
R _Y B	255, 210, 244
Decimal	16765684
CIE Lab	88.87, 21.28, -10.71
CIE LCh	89, 23.817, 333.290
Yxy	73.8848, 0.3223, 0.2954
Android (android.graphics.Color)	4294955764 (0xFFFFD2F4)
YUV	227.3310, 8.2178, 24.2657
Hunter-Lab	85.9563, 16.9861, -5.7727

Details

The RYB color **255, 210, 244** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **210, 246, 255**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 155, 188** is the 20% darker color. If you saturate the color by 10%, you get **255, 184, 238**, and if you desaturate by 10%, it is **255, 235, 250**.

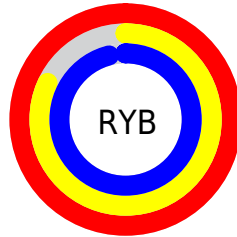
Distribution



Red (100%)

Green (82%)

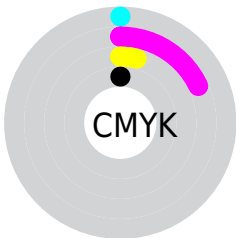
Blue (96%)



Red (100%)

Yellow (82%)

Blue (96%)

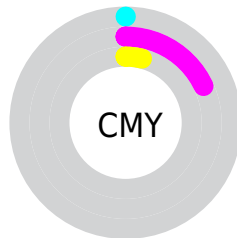


Cyan (0%)

Magenta (18%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 210, 244 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 255, 210, 244 by changing the saturation by 10% instead.


 255, 210, 244


255, 255, 255

 255, 210, 244

 226, 182, 216

 198, 155, 188

 170, 129, 161

 144, 104, 135

 118, 79, 109

 93, 56, 85

 68, 34, 62

 45, 12, 40

 25, 0, 19

■ 255, 210, 244

■ 255, 210, 244

■ 255, 184, 238

■ 255, 235, 250

■ 255, 159, 232

255, 255, 255

■ 255, 133, 225

■ 255, 108, 219

■ 255, 82, 213

■ 255, 57, 207

■ 255, 31, 200

■ 255, 6, 194

■ 255, 0, 193

Harmonies

Analogous

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



230, 217, 255



255, 210, 244



255, 207, 221

Triad

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



255, 210, 244



200, 238, 178



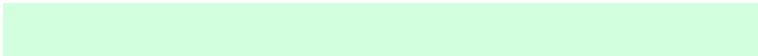
161, 201, 247

Complementary

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



255, 210, 244



210, 246, 255

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.



168, 205, 236



255, 210, 244



185, 229, 201

Square

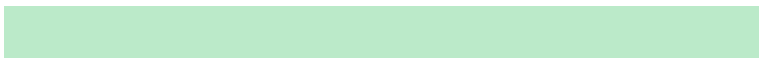
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



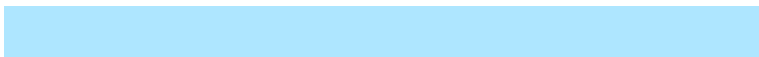
255, 210, 244



255, 241, 183



187, 223, 234



174, 207, 255

Rectangle

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



255, 210, 244



255, 208, 206



187, 223, 234



161, 199, 240

Sweetspot

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



255, 210, 244



255, 242, 252



221, 210, 255



128, 120, 126



0, 0, 0



128, 128, 128

Same Dimension

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



255, 210, 244



255, 201, 242



255, 210, 222



128, 115, 124



191, 0, 145



64, 0, 48

Inverse Universe

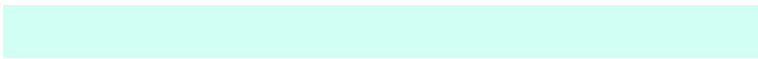
The Inverse Universe completely reimagines the original color for something new.



255, 210, 244



255, 201, 242



210, 236, 255



128, 115, 124



191, 0, 145



64, 0, 48

Previews

White Background



This preview shows how the RYB color 255, 210, 244 looks on a white background.

Color Contrast Check

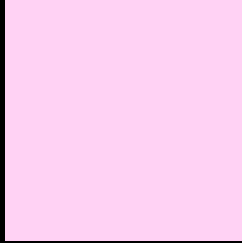
Large Text (above 18pt) WCAG AA × Fail

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 255, 210, 244 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 255, 210, 244 Background



This preview shows how black text looks on a background with the RYB color 255, 210, 244.



This preview shows how white text looks on a background with the RYB color 255, 210, 244.

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





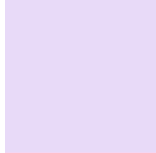
Tritanopia
253, 213, 229

Trichromacy



Original Color

255, 210, 244



Protanomaly

232, 218, 248



Deuteranomaly

243, 214, 243



Tritanomaly

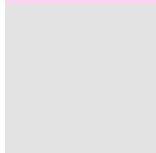
254, 212, 234

Monochromacy



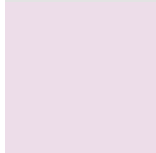
Original Color

255, 210, 244



Achromatopsia

227, 227, 227



Achromatomaly

237, 221, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 210, 244 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(255, 210, 244) looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 244)  
}
```

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(255, 210, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 244) }
```

Border

The CSS property to change the border of an element to RYB 255, 210, 244 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(255, 210, 244) }
```

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

```
.border{ border-color:rgb(255, 210, 244) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
244) }
```

Background

The CSS property to change the background color of an element to RYB 255, 210, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 244) }
```

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

```
.background{ background-color: rgb(255,  
210, 244) }
```

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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