

Converting Colors

`RYB(255, 218, 233)`

Have a look what the booklet for
RYB(255, 218, 233) contains.

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Color

R_YB(255, 218, 233)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAE9
RGB	255, 218, 233
RGB Percent	100%, 85%, 91%
CMY	0.0000, 0.1451, 0.0863
CMYK	0.00, 0.15, 0.09, 0.00
HSL	336°, 100%, 93%
HSV	336°, 15%, 100%
XYZ	81.0194, 77.2860, 87.7383
YIQ	230.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

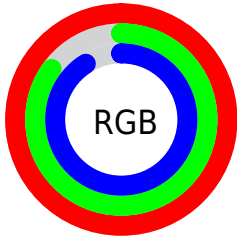
Format	Color
R_{YB}	255, 218, 233
Decimal	16767721
CIE _{Lab}	90.45, 15.23, -2.57
CIE _{LCh}	90, 15.448, 350.417
Yxy	77.2860, 0.3293, 0.3141
Android (android.graphics.Color)	4294957801 (0xFFFFDAE9)
YUV	230.7730, 1.0979, 21.2471
Hunter-Lab	87.9125, 10.6573, 2.3662

Details

The RYB color **255, 218, 233** is a light color, and the websafe version is hex **FFCCCC**, and the color name is **mimi pink**. A complement of this color would be **218, 241, 255**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 163, 177** is the 20% darker color. If you saturate the color by 10%, you get **255, 193, 218**, and if you desaturate by 10%, it is **255, 243, 248**.

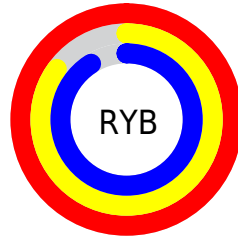
Distribution



Red (100%)

Green (85%)

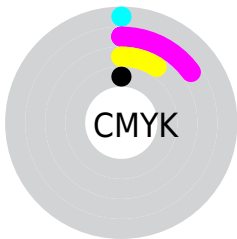
Blue (91%)



Red (100%)

Yellow (85%)

Blue (91%)

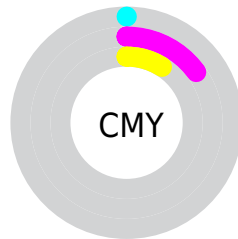


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 255, 218, 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 255, 218, 233 by changing the saturation by 10% instead.


 255, 218, 233


255, 255, 255

 255, 218, 233

 226, 190, 205

 198, 163, 177

 171, 137, 151

 144, 111, 125

 118, 87, 100

 93, 63, 76


 69, 41, 53

 46, 20, 32

 28, 0, 9

 255, 218, 233

 255, 218, 233

 255, 193, 218

 255, 243, 248

 255, 167, 203


255, 255, 255


 255, 142, 188

 255, 116, 172

 255, 90, 157

 255, 65, 142

 255, 39, 127

 255, 14, 112

 255, 0, 103

Harmonies

Analogous

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



242, 221, 247



255, 218, 233



255, 218, 218

Triad

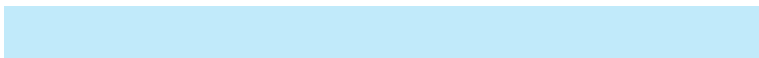
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 218, 233



200, 230, 201



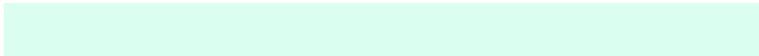
193, 217, 250

Complementary

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



255, 218, 233



218, 241, 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.



190, 213, 237



255, 218, 233



208, 234, 230

Square

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



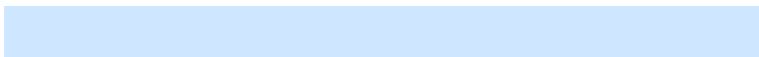
255, 218, 233



234, 245, 199



197, 221, 236



206, 222, 255

Rectangle

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



255, 218, 233



255, 222, 209



197, 221, 236



191, 215, 246

Sweetspot

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



255, 218, 233



255, 245, 249



240, 218, 255



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

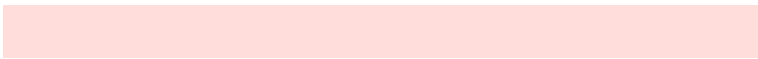
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 218, 233



255, 212, 229



255, 221, 218



128, 115, 120



191, 0, 78



64, 0, 26

Inverse Universe

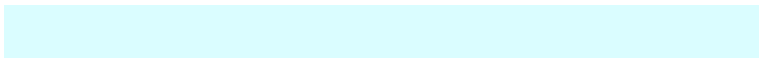
The Inverse Universe completely reimagines the original color for something new.



255, 218, 233



255, 212, 229



218, 236, 255



128, 115, 120



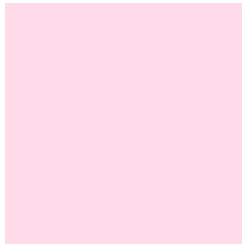
191, 0, 78



64, 0, 26

Previews

White Background



This preview shows how the RYB color 255, 218, 233 looks on a white background.

Color Contrast Check

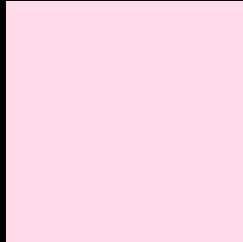
Large Text (above 18pt) WCAG AA × Fail

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 255, 218, 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 255, 218, 233 Background



This preview shows how black text looks on a background with the RYB color 255, 218, 233.


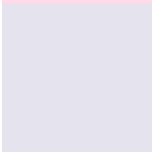



This preview shows how white text looks on a background with the RYB color 255, 218, 233.

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 255, 218, 233
	Protanopia 229, 227, 238
	Deuteranopia 248, 221, 232



Tritanopia
255, 218, 235

Trichromacy



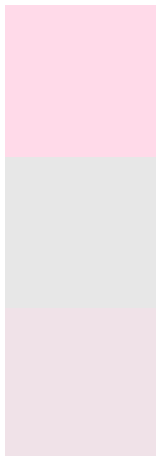
Original Color
255, 218, 233

Protanomaly
238, 224, 236

Deuteranomaly
251, 220, 232

Tritanomaly
255, 218, 234

Monochromacy



Original Color
255, 218, 233

Achromatopsia
231, 231, 231

Achromatomaly
240, 226, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 218, 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(255, 218, 233) looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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(255, 218, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 233) }
```

Border

The CSS property to change the border of an element to RYB 255, 218, 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(255, 218, 233) }
```

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

```
.border{ border-color:rgb(255, 218, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 255, 218, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 233) }
```

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

```
.background{ background-color: rgb(255,  
218, 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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