

Converting Colors

`RYB(255, 216, 219)`

Have a look what the booklet for
RYB(255, 216, 219) contains.

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Color

R_YB(255, 216, 219)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8DB
RGB	255, 216, 219
RGB Percent	100%, 85%, 86%
CMY	0.0000, 0.1529, 0.1412
CMYK	0.00, 0.15, 0.14, 0.00
HSL	355°, 100%, 92%
HSV	355°, 15%, 100%
XYZ	78.5820, 75.4862, 77.4464
YIQ	228.0030, 22.2810, 9.2010

Conversions

Conversions Part 2

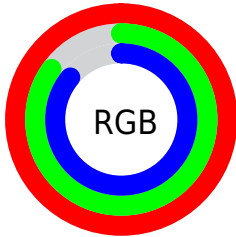
Format	Color
R _Y B	255, 216, 219
Decimal	16767195
CIE Lab	89.62, 14.02, 3.57
CIE LCh	90, 14.468, 14.302
Yxy	75.4862, 0.3394, 0.3261
Android (android.graphics.Color)	4294957275 (0xFFFFD8DB)
YUV	228.0030, -4.4385, 23.6764
Hunter-Lab	86.8828, 9.4013, 7.9675

Details

The RYB color **255, 216, 219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **216, 236, 255**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 161, 164** is the 20% darker color. If you saturate the color by 10%, you get **255, 191, 195**, and if you desaturate by 10%, it is 255, 242, 243.

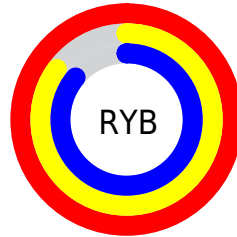
Distribution



Red (100%)

Green (85%)

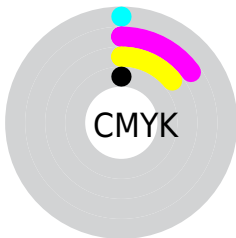
Blue (86%)



Red (100%)

Yellow (85%)

Blue (86%)

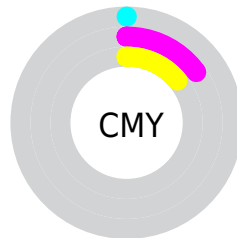


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 216, 219 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, 216, 219 by changing the saturation by 10% instead.


 255, 216, 219


255, 255, 255

 255, 216, 219

 226, 188, 191


 198, 161, 164


 170, 135, 138

 144, 109, 112

 118, 85, 88

 92, 62, 65


 68, 39, 43

 45, 19, 22


 25, 0, 1

 255, 216, 219

 255, 216, 219

 255, 191, 195

 255, 242, 243

 255, 165, 172

255, 255, 255

 255, 140, 148

 255, 114, 125

 255, 89, 101

 255, 63, 78

 255, 37, 54

 255, 12, 31

 255, 0, 20

Harmonies

Analogous

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



249, 217, 233



255, 216, 219



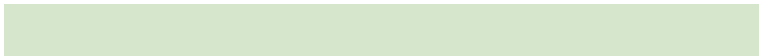
253, 221, 207

Triad

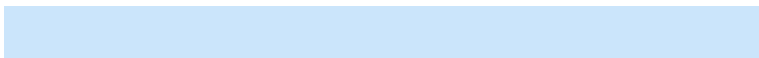
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 216, 219



205, 230, 221



203, 220, 251

Complementary

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



255, 216, 219



216, 236, 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.



192, 215, 244



255, 216, 219



199, 221, 233

Square

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



255, 216, 219



204, 230, 199



191, 213, 234



219, 223, 252

Rectangle

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



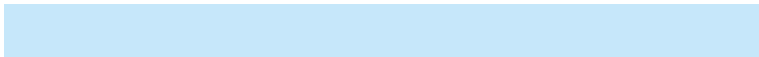
255, 216, 219



247, 233, 201



191, 213, 234



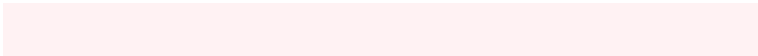
198, 218, 250

Sweetspot

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



255, 216, 219



255, 242, 243



252, 216, 255



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

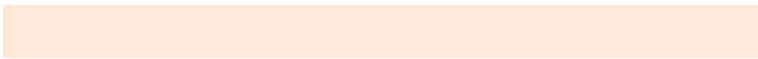
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 216, 219



255, 209, 213



255, 243, 216



128, 115, 116



191, 0, 15



64, 0, 5

Inverse Universe

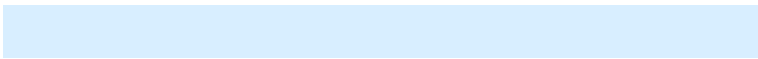
The Inverse Universe completely reimagines the original color for something new.



255, 216, 219



255, 209, 213



216, 230, 255



128, 115, 116



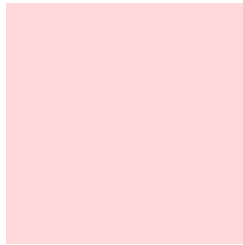
191, 0, 15



64, 0, 5

Previews

White Background



This preview shows how the RYB color 255, 216, 219 looks on a white background.

Color Contrast Check

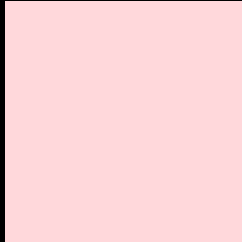
Large Text (above 18pt) WCAG AA × Fail

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, 216, 219 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, 216, 219 Background



This preview shows how black text looks on a background with the RYB color 255, 216, 219.

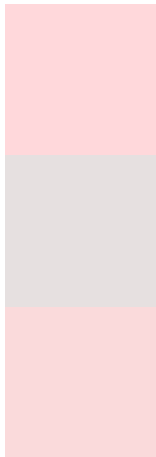


This preview shows how white text looks on a background with the RYB color 255, 216, 219.

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, 216, 219

Protanopia
230, 224, 224

Deuteranopia
250, 218, 219



Tritanopia
255, 215, 231

Trichromacy



Original Color

255, 216, 219

Protanomaly

239, 221, 222

Deuteranomaly

252, 217, 219

Tritanomaly

255, 215, 227

Monochromacy



Original Color

255, 216, 219

Achromatopsia

228, 228, 228

Achromatomaly

238, 224, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 216, 219 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, 216, 219) looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 219)  
}
```

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, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 219) }
```

Border

The CSS property to change the border of an element to RYB 255, 216, 219 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, 216, 219) }
```

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

```
.border{ border-color:rgb(255, 216, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 255, 216, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 219) }
```

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

```
.background{ background-color: rgb(255,  
216, 219) }
```

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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