

Converting Colors

`RYB(255, 231, 219)`

Have a look what the booklet for
RYB(255, 231, 219) contains.

RYB(255, 231, 219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(255, 231, 219)`

Conversions

Conversions Part 1

Format	Color
Hex	FFE4DB
RGB	255, 228, 219
RGB Percent	100%, 89%, 86%
CMY	0.0000, 0.1059, 0.1412
CMYK	0.00, 0.11, 0.14, 0.00
HSL	15°, 100%, 93%
HSV	15°, 14%, 100%
XYZ	81.7696, 81.8613, 78.5089
YIQ	235.0470, 18.9810, 2.9250

Conversions

Conversions Part 2

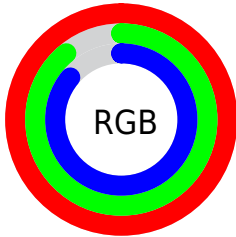
Format	Color
R _Y B	255, 231, 219
Decimal	16770267
CIE Lab	92.51, 7.81, 7.75
CIE LCh	93, 11.003, 44.780
Yxy	81.8613, 0.3377, 0.3381
Android (android.graphics.Color)	4294960347 (0xFFFFE4DB)
YUV	235.0470, -7.9112, 17.4988
Hunter-Lab	90.4772, 2.9858, 11.8869

Details

The RYB color **255, 231, 219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **219, 234, 255**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **198, 176, 164** is the 20% darker color. If you saturate the color by 10%, you get **255, 214, 194**, and if you desaturate by 10%, it is **255, 248, 244**.

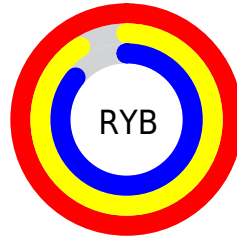
Distribution



Red (100%)

Green (89%)

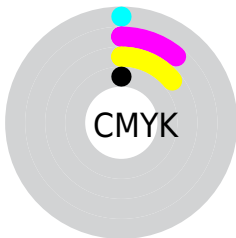
Blue (86%)



Red (100%)

Yellow (91%)

Blue (86%)

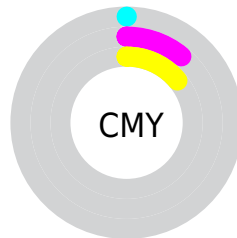


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 231, 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, 231, 219 by changing the saturation by 10% instead.


 255, 231, 219

255, 255, 255

 255, 231, 219


 226, 203, 191

 198, 176, 164

 171, 149, 138

 144, 123, 112

 118, 99, 88

 93, 74, 65

 69, 51, 43

 46, 30, 22

 26, 3, 0

255, 231, 219

255, 231, 219

255, 214, 194

255, 248, 244

255, 197, 168

255, 255, 255

255, 180, 143

255, 164, 117

255, 146, 91

255, 129, 66

255, 112, 40

255, 95, 15

255, 85, 0

Harmonies

Analogous

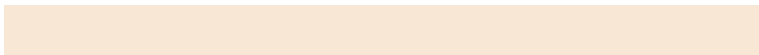
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 227, 229



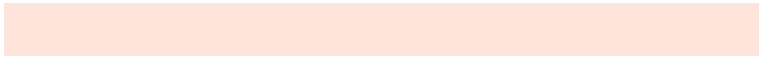
255, 231, 219



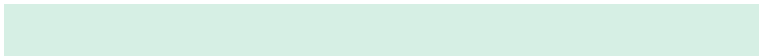
246, 248, 213

Triad

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



255, 231, 219



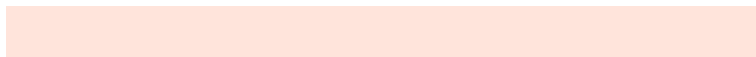
214, 230, 239



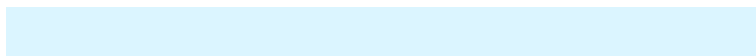
229, 232, 254

Complementary

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



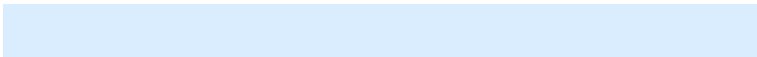
255, 231, 219



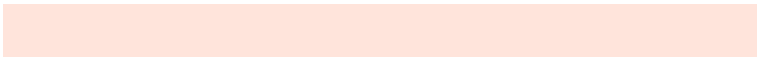
219, 234, 255

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.



217, 230, 254



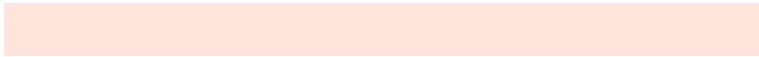
255, 231, 219



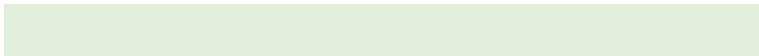
208, 225, 240

Square

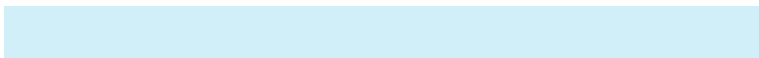
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



255, 231, 219



218, 238, 232



209, 226, 248



242, 229, 249

Rectangle

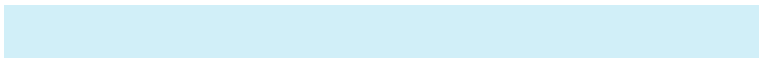
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 231, 219



224, 241, 213



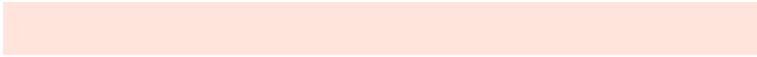
209, 226, 248



225, 232, 254

Sweetspot

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



255, 231, 219



255, 248, 245



255, 219, 246



128, 124, 121



0, 0, 0



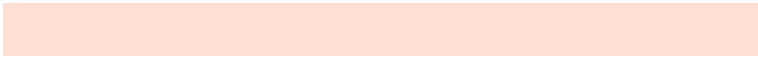
128, 128, 128

Same Dimension

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



255, 231, 219



255, 225, 212



231, 255, 219



128, 119, 115



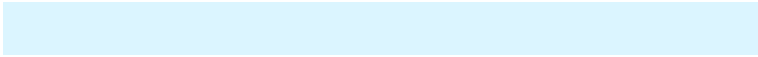
191, 64, 0



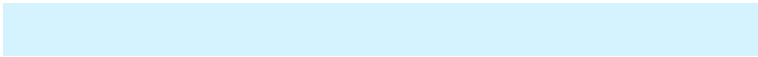
64, 21, 0

Inverse Universe

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



219, 234, 255



212, 230, 255



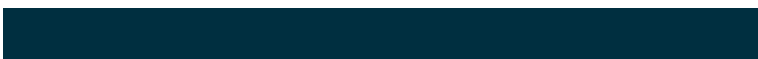
219, 226, 255



115, 120, 128



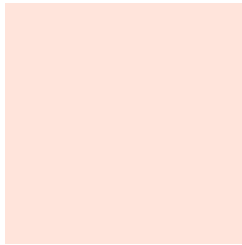
0, 82, 191



0, 27, 64

Previews

White Background



This preview shows how the RYB color 255, 231, 219 looks on a white background.

Color Contrast Check

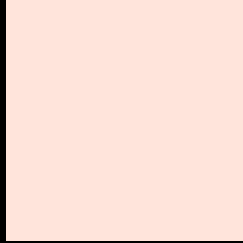
Large Text (above 18pt) WCAG AA × Fail

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, 231, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

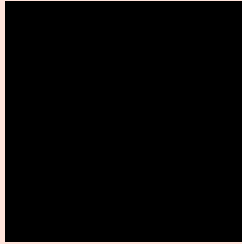
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

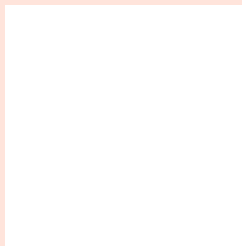
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 255, 231, 219 Background



This preview shows how black text looks on a background with the RYB color 255, 231, 219.

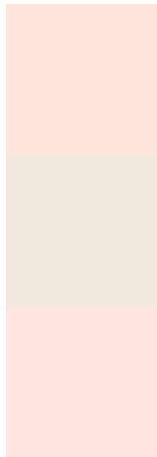


This preview shows how white text looks on a background with the RYB color 255, 231, 219.

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, 231, 219

Protanopia
236, 241, 222

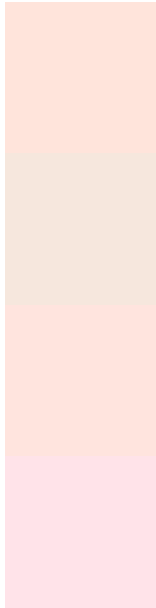
Deuteranopia
255, 229, 223



Tritanopia

255, 226, 241

Trichromacy



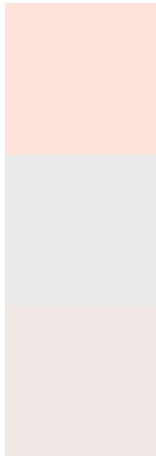
Original Color
255, 231, 219

Protanomaly
246, 238, 221

Deuteranomaly
255, 229, 222

Tritanomaly
255, 227, 233

Monochromacy



Original Color
255, 231, 219

Achromatopsia
235, 235, 235

Achromatomaly
242, 233, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 231, 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, 228, 219) looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 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, 228, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 219) }
```

Border

The CSS property to change the border of an element to RYB 255, 231, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

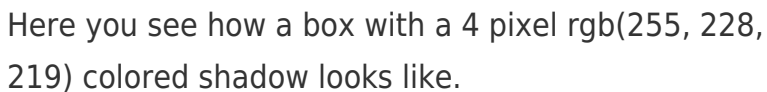
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 228, 219) }
```

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

```
.border{ border-color:rgb(255, 228, 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, 228, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 255, 231, 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, 228, 219) }
```

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

```
.background{ background-color: rgb(255,  
228, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor