

Converting Colors

`RYB(251, 229, 236)`

Have a look what the booklet for RYB(251, 229, 236) contains.

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Color

R_YB(251, 229, 236)

Conversions

Conversions Part 1

Format	Color
Hex	FBE5EC
RGB	251, 229, 236
RGB Percent	98%, 90%, 93%
CMY	0.0157, 0.1020, 0.0745
CMYK	0.00, 0.09, 0.06, 0.02
HSL	341°, 73%, 94%
HSV	341°, 9%, 98%
XYZ	82.9433, 82.6040, 90.9295
YIQ	236.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

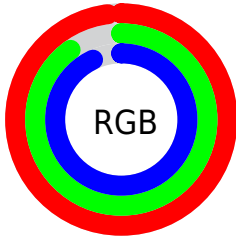
Format	Color
R _Y B	251, 229, 236
Decimal	16508396
CIE Lab	92.84, 8.66, -0.68
CIE LCh	93, 8.691, 355.483
Yxy	82.6040, 0.3234, 0.3221
Android (android.graphics.Color)	4294698476 (0xFFFBE5EC)
YUV	236.3760, -0.1854, 12.8252
Hunter-Lab	90.8867, 3.8474, 4.3028

Details

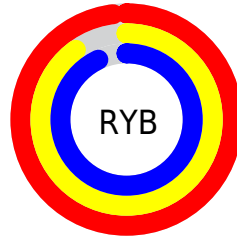
The RYB color **251, 229, 236** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **229, 242, 251**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **194, 174, 180** is the 20% darker color. If you saturate the color by 10%, you get **251, 204, 219**, and if you desaturate by 10%, it is 251, 253, 254.

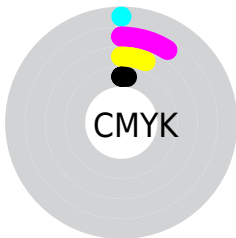
Distribution



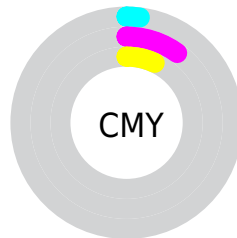
- Red (98%)
- Green (90%)
- Blue (93%)



- Red (98%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 251, 229, 236 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 251, 229, 236 by changing the saturation by 10% instead.

 251, 229, 236


255, 255, 255

 251, 229, 236


 222, 201, 208

 194, 174, 180

 167, 147, 153

 141, 121, 128

 115, 96, 103

 90, 73, 79


 67, 50, 56


 44, 29, 34


 25, 4, 12

 251, 229, 236


 251, 229, 236


 251, 204, 219


 251, 253, 254


 251, 179, 202


 251, 253, 255

 251, 154, 185


 251, 129, 168

 251, 104, 150

 251, 78, 133

 251, 53, 116

 251, 28, 99

 251, 3, 82

Harmonies

Analogous

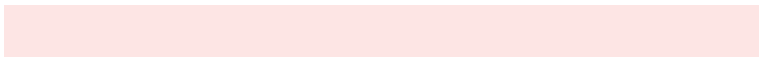
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244, 230, 244



251, 229, 236



253, 229, 228

Triad

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



251, 229, 236



219, 236, 221



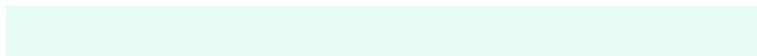
217, 230, 248

Complementary

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



251, 229, 236



229, 242, 251

Split Complementary

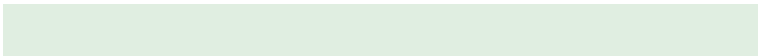
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214, 227, 241



251, 229, 236



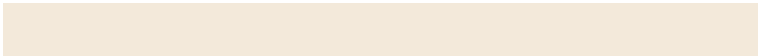
224, 237, 238

Square

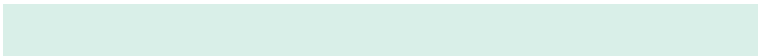
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



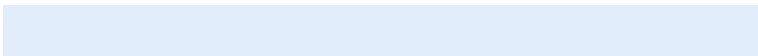
251, 229, 236



235, 243, 218



217, 230, 239



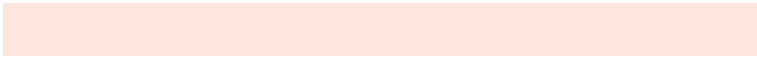
225, 233, 251

Rectangle

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



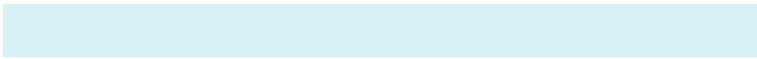
251, 229, 236



252, 232, 223



217, 230, 239



215, 229, 246

Sweetspot

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



251, 229, 236



255, 247, 250



244, 229, 251



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

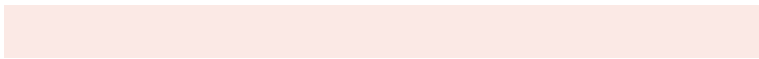
The Same Dimension uses a secret algorithm to generate beautiful new colors.



251, 229, 236



255, 227, 236



251, 234, 229



125, 112, 116



189, 0, 60



61, 0, 19

Inverse Universe

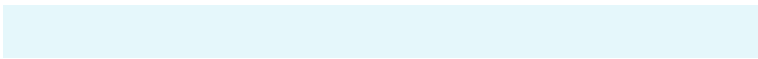
The Inverse Universe completely reimagines the original color for something new.



251, 229, 236



255, 227, 236



229, 239, 251



125, 112, 116



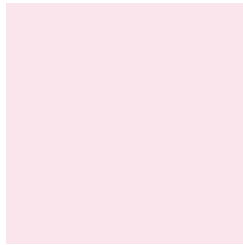
189, 0, 60



61, 0, 19

Previews

White Background



This preview shows how the RYB color 251, 229, 236 looks on a white background.

Color Contrast Check

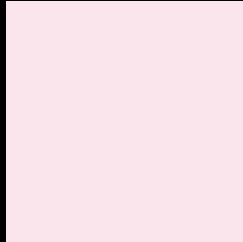
Large Text (above 18pt) WCAG AA × Fail

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 251, 229, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

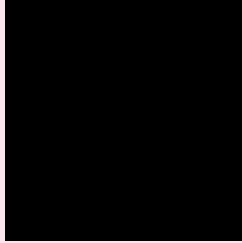
Any Text WCAG AA ✓ Pass

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 251, 229, 236 Background



This preview shows how black text looks on a background with the RYB color 251, 229, 236.

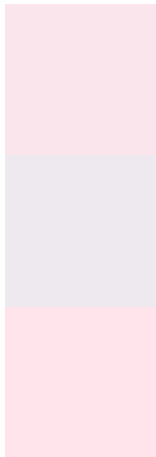


This preview shows how white text looks on a background with the RYB color 251, 229, 236.

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
251, 229, 236

Protanopia
237, 233, 238

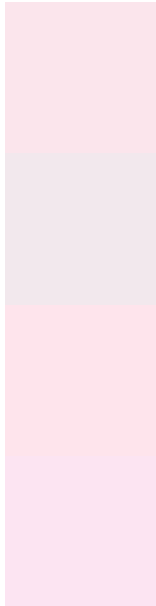
Deuteranopia
255, 228, 236



Tritanopia

252, 228, 245

Trichromacy



Original Color

251, 229, 236

Protanomaly

242, 232, 237

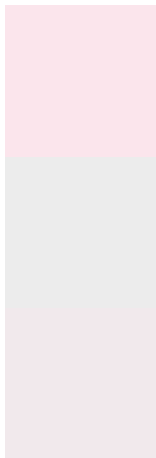
Deuteranomaly

254, 228, 236

Tritanomaly

252, 228, 242

Monochromacy



Original Color

251, 229, 236

Achromatopsia

236, 236, 236

Achromatomaly

241, 233, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 251, 229, 236 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(251, 229, 236) looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 236)  
}
```

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(251, 229, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 236) }
```

Border

The CSS property to change the border of an element to RYB 251, 229, 236 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(251, 229, 236) }
```

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

```
.border{ border-color:rgb(251, 229, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 229, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 251, 229, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 236) }
```

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

```
.background{ background-color: rgb(251,  
229, 236) }
```

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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