

Converting Colors

`RYB(249, 222, 235)`

Have a look what the booklet for RYB(249, 222, 235) contains.

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Color

R_YB(249, 222, 235)

Conversions

Conversions Part 1

Format	Color
Hex	F9DEEB
RGB	249, 222, 235
RGB Percent	98%, 87%, 92%
CMY	0.0235, 0.1294, 0.0784
CMYK	0.00, 0.11, 0.06, 0.02
HSL	331°, 69%, 92%
HSV	331°, 11%, 98%
XYZ	80.1836, 78.3804, 89.5001
YIQ	231.5550, 11.9190, 9.7670

Conversions

Conversions Part 2

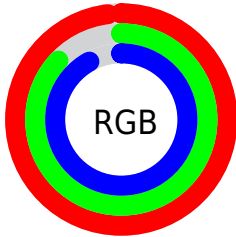
Format	Color
R_{YB}	249, 222, 235
Decimal	16375531
CIE _{Lab}	90.95, 11.44, -2.95
CIE _{LCh}	91, 11.814, 345.557
Yxy	78.3804, 0.3232, 0.3160
Android (android.graphics.Color)	4294565611 (0xFFFF9DEEB)
YUV	231.5550, 1.6984, 15.2993
Hunter-Lab	88.5327, 6.7342, 2.0351

Details

The RYB color **249, 222, 235** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **222, 240, 249**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 167, 179** is the 20% darker color. If you saturate the color by 10%, you get **249, 197, 222**, and if you desaturate by 10%, it is **249, 247, 248**.

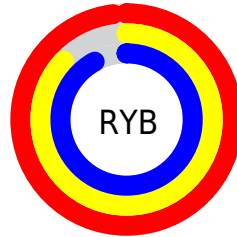
Distribution



Red (98%)

Green (87%)

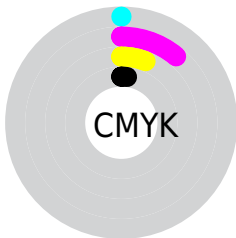
Blue (92%)



Red (98%)

Yellow (87%)

Blue (92%)

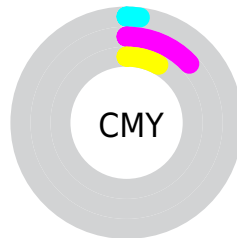


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 222, 235 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 249, 222, 235 by changing the saturation by 10% instead.

 249, 222, 235

255, 255, 255


 249, 222, 235

 220, 194, 207

 192, 167, 179


 165, 140, 153

 139, 115, 127

 113, 90, 102

 89, 67, 78


 65, 44, 55

 43, 24, 34


 24, 0, 11

 249, 222, 235

 249, 222, 235

 249, 197, 222


 249, 247, 248

 249, 172, 209

 249, 252, 255

 249, 147, 196

 249, 122, 183

 249, 98, 170

 249, 73, 158

 249, 48, 145

 249, 23, 132

 249, 0, 120

Harmonies

Analogous

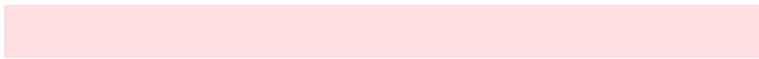
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238, 224, 245



249, 222, 235



254, 222, 223

Triad

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



249, 222, 235



209, 232, 207



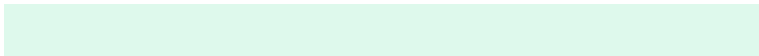
203, 221, 245

Complementary

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



249, 222, 235



222, 240, 249

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.



201, 219, 236



249, 222, 235



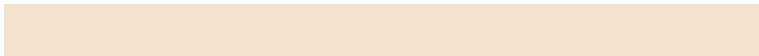
213, 233, 227

Square

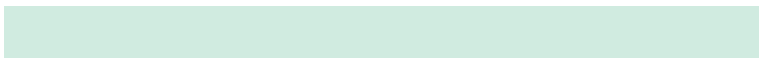
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



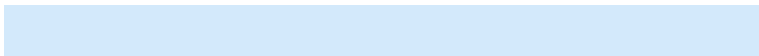
249, 222, 235



242, 244, 207



208, 225, 235



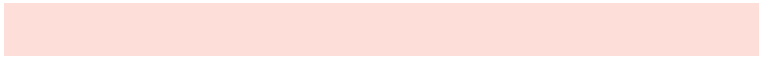
211, 225, 251

Rectangle

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



249, 222, 235



253, 223, 216



208, 225, 235



201, 220, 242

Sweetspot

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



249, 222, 235



255, 247, 251



236, 222, 249



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

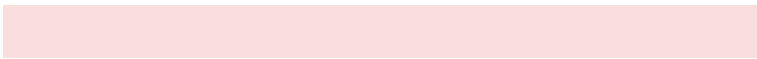
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 222, 235



255, 222, 238



249, 222, 222



125, 112, 118



189, 0, 91



61, 0, 29

Inverse Universe

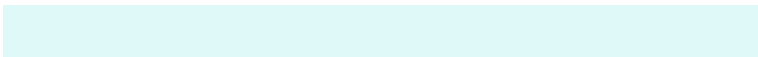
The Inverse Universe completely reimagines the original color for something new.



249, 222, 235



255, 222, 238



222, 236, 249



125, 112, 118



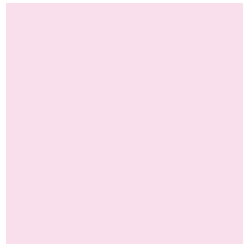
189, 0, 91



61, 0, 29

Previews

White Background



This preview shows how the RYB color 249, 222, 235 looks on a white background.

Color Contrast Check

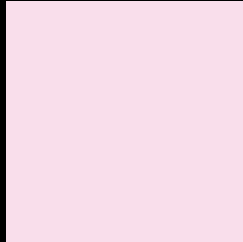
Large Text (above 18pt) WCAG AA × Fail

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 249, 222, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

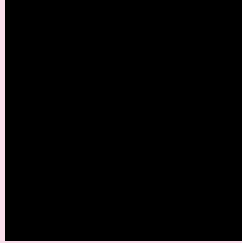
Any Text WCAG AA ✓ Pass

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 249, 222, 235 Background



This preview shows how black text looks on a background with the RYB color 249, 222, 235.

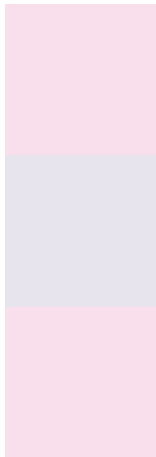


This preview shows how white text looks on a background with the RYB color 249, 222, 235.

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
249, 222, 235

Protanopia
231, 228, 238

Deuteranopia
249, 222, 235



Tritanopia
250, 221, 239

Trichromacy



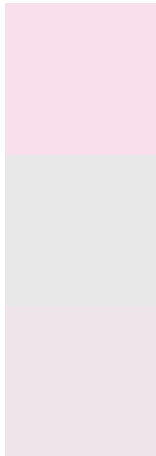
Original Color
249, 222, 235

Protanomaly
238, 226, 237

Deuteranomaly
249, 222, 235

Tritanomaly
250, 221, 238

Monochromacy



Original Color
249, 222, 235

Achromatopsia
232, 232, 232

Achromatomaly
238, 228, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 222, 235 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(249, 222, 235) looks like.

```
.text, #text, p{  
    color:rgb(249, 222, 235)  
}
```

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(249, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 222, 235) }
```

Border

The CSS property to change the border of an element to RYB 249, 222, 235 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(249, 222, 235) }
```

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

```
.border{ border-color:rgb(249, 222, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 222, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(249, 222,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 249, 222, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 222, 235) }
```

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

```
.background{ background-color: rgb(249,  
222, 235) }
```

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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