

Converting Colors

`RYB(249, 225, 232)`

Have a look what the booklet for RYB(249, 225, 232) contains.

RYB(249, 225, 232)	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

R_YB(249, 225, 232)

Conversions

Conversions Part 1

Format	Color
Hex	F9E1E8
RGB	249, 225, 232
RGB Percent	98%, 88%, 91%
CMY	0.0235, 0.1176, 0.0902
CMYK	0.00, 0.10, 0.07, 0.02
HSL	342°, 67%, 93%
HSV	342°, 10%, 98%
XYZ	80.5576, 79.8164, 87.5042
YIQ	232.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

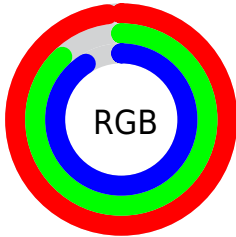
Format	Color
R _Y B	249, 225, 232
Decimal	16376296
CIE Lab	91.60, 9.38, -0.42
CIE LCh	92, 9.386, 357.409
Yxy	79.8164, 0.3250, 0.3220
Android (android.graphics.Color)	4294566376 (0xFF9E1E8)
YUV	232.9740, -0.4802, 14.0548
Hunter-Lab	89.3400, 4.6079, 4.4663

Details

The RYB color **249, 225, 232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **225, 239, 249**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **192, 170, 176** is the 20% darker color. If you saturate the color by 10%, you get **249, 200, 214**, and if you desaturate by 10%, it is **249, 250, 250**.

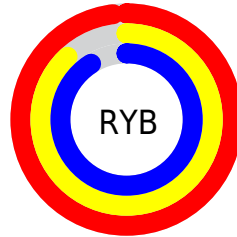
Distribution



Red (98%)

Green (88%)

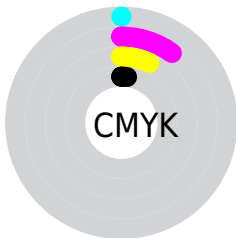
Blue (91%)



Red (98%)

Yellow (88%)

Blue (91%)

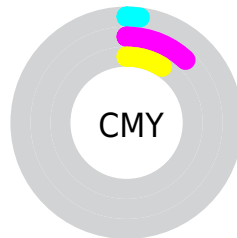


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RYB color 249, 225, 232 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, 225, 232 by changing the saturation by 10% instead.

 249, 225, 232

255, 255, 255

 249, 225, 232

 220, 197, 204

 192, 170, 176


 165, 143, 150

 139, 118, 124

 113, 93, 99

 89, 69, 75

 65, 47, 53

 43, 26, 32

 24, 0, 7

 249, 225, 232

 249, 225, 232

 249, 200, 214

 249, 250, 250


 249, 175, 197

 249, 252, 255

 249, 150, 179

 249, 125, 161

 249, 101, 144

 249, 76, 126

 249, 51, 109

 249, 26, 91

 249, 1, 73

Harmonies

Analogous

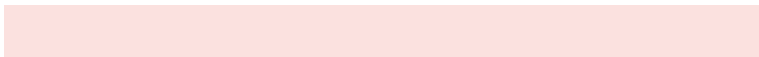
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 226, 241



249, 225, 232



251, 225, 223

Triad

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



249, 225, 232



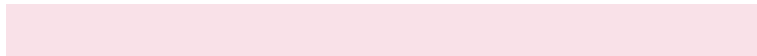
215, 233, 219



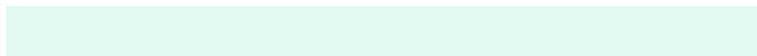
212, 226, 246

Complementary

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



249, 225, 232



225, 239, 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.



209, 223, 239



249, 225, 232



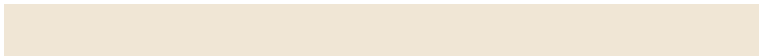
219, 233, 235

Square

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



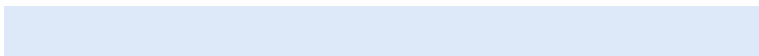
249, 225, 232



229, 240, 213



212, 226, 236



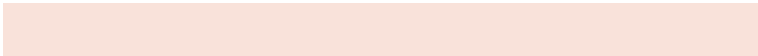
221, 229, 249

Rectangle

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



249, 225, 232



249, 229, 218



212, 226, 236



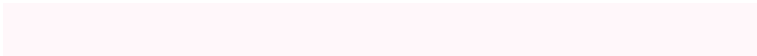
211, 225, 244

Sweetspot

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



249, 225, 232



255, 247, 250



242, 225, 249



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

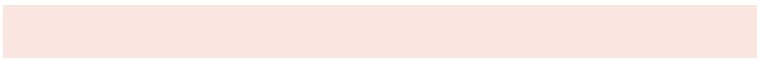
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249, 225, 232



255, 224, 233



249, 231, 225



125, 112, 116



189, 0, 55



61, 0, 18

Inverse Universe

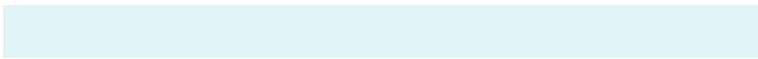
The Inverse Universe completely reimagines the original color for something new.



249, 225, 232



255, 224, 233



225, 236, 249



125, 112, 116



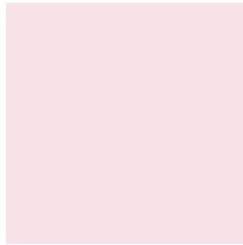
189, 0, 55



61, 0, 18

Previews

White Background



This preview shows how the RYB color 249, 225, 232 looks on a white background.

Color Contrast Check

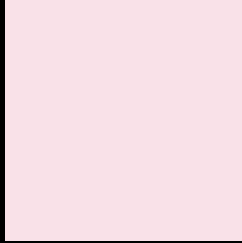
Large Text (above 18pt) WCAG AA × Fail

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, 225, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

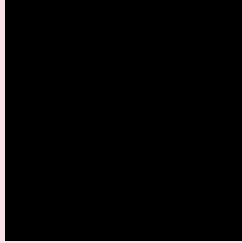
Any Text WCAG AA ✓ Pass

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](#).

RYP 249, 225, 232 Background



This preview shows how black text looks on a background with the RYB color 249, 225, 232.

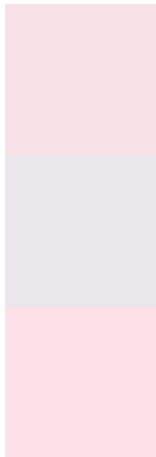


This preview shows how white text looks on a background with the RYB color 249, 225, 232.

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, 225, 232

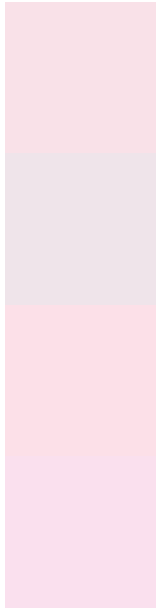
Protanopia
234, 230, 235

Deuteranopia
253, 224, 232



Tritanopia
250, 224, 241

Trichromacy



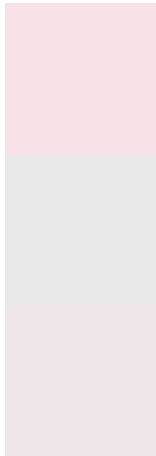
Original Color
249, 225, 232

Protanomaly
239, 228, 234

Deuteranomaly
252, 224, 232

Tritanomaly
250, 224, 238

Monochromacy



Original Color
249, 225, 232

Achromatopsia
233, 233, 233

Achromatomaly
239, 230, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 249, 225, 232 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, 225, 232) looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 232)  
}
```

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, 225, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 232) }
```

Border

The CSS property to change the border of an element to RYB 249, 225, 232 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, 225, 232) }
```

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

```
.border{ border-color:rgb(249, 225, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 225, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 225, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 225, 232);  
box-shadow:4px 4px 4px 4px rgb(249, 225,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 249, 225, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 232) }
```

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

```
.background{ background-color: rgb(249,  
225, 232) }
```

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