

# Converting Colors

`RYB(254, 227, 232)`

Have a look what the booklet for  
RYB(254, 227, 232) contains.

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# Color

**R<sub>Y</sub>B(254, 227, 232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEE3E8
RGB	254, 227, 232
RGB Percent	100%, 89%, 91%
CMY	0.0039, 0.1098, 0.0902
CMYK	0.00, 0.11, 0.09, 0.00
HSL	349°, 93%, 94%
HSV	349°, 11%, 100%
XYZ	82.9076, 81.8352, 87.7700
YIQ	235.6430, 14.4870, 7.2790

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	254, 227, 232
Decimal	16704488
CIE Lab	92.50, 10.06, 0.94
CIE LCh	93, 10.099, 5.333
Yxy	81.8352, 0.3283, 0.3241
Android (android.graphics.Color)	4294894568 (0xFFFE3E8)
YUV	235.6430, -1.7960, 16.0991
Hunter-Lab	90.4628, 5.2823, 5.7989

# Details

The RYB color **254, 227, 232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **227, 242, 254**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **197, 172, 176** is the 20% darker color. If you saturate the color by 10%, you get **254, 202, 211**, and if you desaturate by 10%, it is **254, 252, 253**.

# Distribution



Red (100%)

Green (89%)

Blue (91%)



Red (100%)

Yellow (89%)

Blue (91%)



Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 254, 227, 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 254, 227, 232 by changing the saturation by 10% instead.




 254, 227, 232

255, 255, 255

 254, 227, 232


 225, 199, 204

 197, 172, 176

 170, 145, 150

 143, 119, 124

 117, 95, 99

 93, 71, 75

 69, 48, 53

 46, 27, 32

 27, 1, 7

 254, 227, 232

 254, 227, 232

 254, 202, 211

 254, 252, 253

 254, 176, 191

 254, 255, 255

 254, 151, 170

 254, 125, 149

 254, 100, 129

 254, 75, 108

 254, 49, 87

 254, 24, 66

 254, 0, 47

# Harmonies

## Analogous

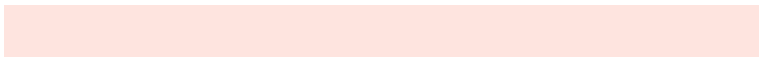
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 228, 242



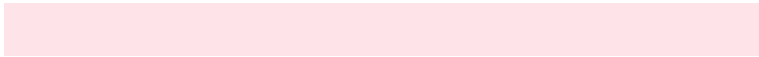
254, 227, 232



254, 229, 223

# Triad

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



254, 227, 232



218, 236, 225



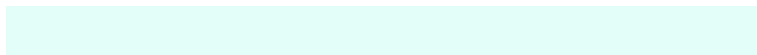
215, 229, 251

# Complementary

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



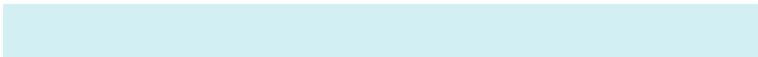
254, 227, 232



227, 242, 254

# 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.



210, 226, 244



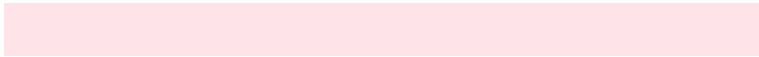
254, 227, 232



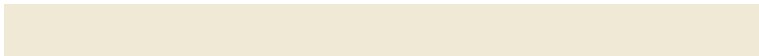
218, 234, 239

# Square

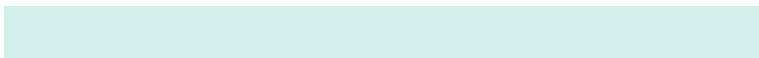
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



254, 227, 232



224, 240, 214



211, 226, 239



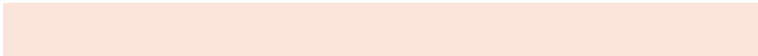
226, 232, 253

# Rectangle

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



254, 227, 232



251, 235, 218



211, 226, 239



213, 228, 249



# Sweetspot

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



254, 227, 232



255, 247, 249



249, 227, 254



128, 122, 123



0, 0, 0



128, 128, 128



# Same Dimension

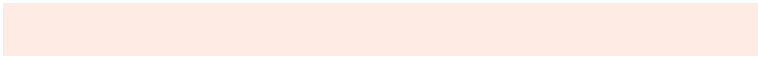
The Same Dimension uses a secret algorithm to generate beautiful new colors.



254, 227, 232



255, 222, 228



254, 238, 227



128, 115, 117



191, 0, 35



64, 0, 12



# Inverse Universe

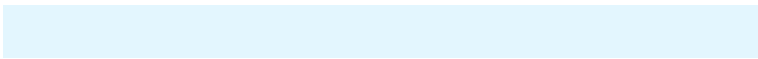
The Inverse Universe completely reimagines the original color for something new.



254, 227, 232



255, 222, 228



227, 238, 254



128, 115, 117



191, 0, 35

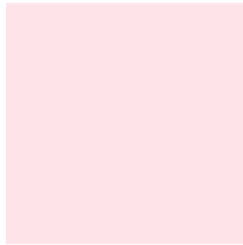


64, 0, 12



# Previews

## White Background



This preview shows how the RYB color 254, 227, 232 looks on a white background.

## Color Contrast Check

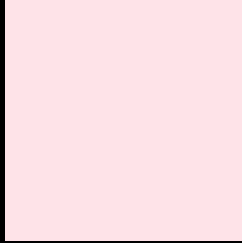
Large Text (above 18pt) WCAG AA × Fail

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 254, 227, 232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

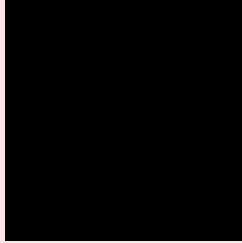
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

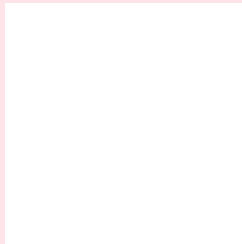
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 254, 227, 232 Background**



This preview shows how black text looks on a background with the RYB color 254, 227, 232.

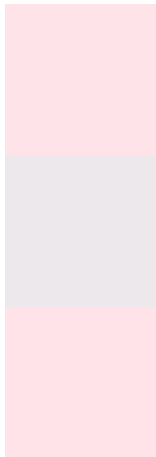


This preview shows how white text looks on a background with the RYB color 254, 227, 232.

# 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**  
254, 227, 232

**Protanopia**  
237, 232, 235

**Deuteranopia**  
255, 227, 232



**Tritanopia**  
255, 225, 243

# Trichromacy



**Original Color**

254, 227, 232

**Protanomaly**

243, 230, 234

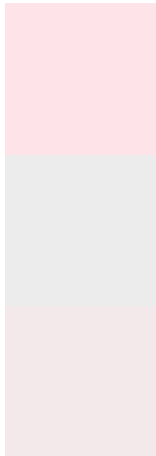
**Deuteranomaly**

255, 227, 232

**Tritanomaly**

255, 226, 239

# Monochromacy



**Original Color**

254, 227, 232

**Achromatopsia**

236, 236, 236

**Achromatomaly**

243, 233, 235

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 254, 227, 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(254, 227, 232) looks like.

```
.text, #text, p{  
    color:rgb(254, 227, 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(254, 227, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 232) }
```

## Border

The CSS property to change the border of an element to RYB 254, 227, 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(254, 227, 232) }
```

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

```
.border{ border-color:rgb(254, 227, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 227, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
232) }
```

# Background

The CSS property to change the background color of an element to RYB 254, 227, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 232) }
```

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

```
.background{ background-color: rgb(254,  
227, 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](#).



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