

# Converting Colors

`RYB(252, 228, 232)`

Have a look what the booklet for  
RYB(252, 228, 232) contains.

<b>RYB(252, 228, 232)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**`RYB(252, 228, 232)`**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCE4E8
RGB	252, 228, 232
RGB Percent	99%, 89%, 91%
CMY	0.0118, 0.1059, 0.0902
CMYK	0.00, 0.10, 0.08, 0.01
HSL	350°, 80%, 94%
HSV	350°, 10%, 99%
XYZ	82.4538, 82.0084, 87.8274
YIQ	235.6320, 13.0200, 6.3320

# Conversions

## Conversions Part 2

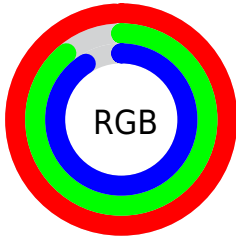
Format	Color
R <sub>Y</sub> B	252, 228, 232
Decimal	16573672
CIE Lab	92.58, 8.85, 1.03
CIE LCh	93, 8.912, 6.637
Yxy	82.0084, 0.3268, 0.3251
Android (android.graphics.Color)	4294763752 (0xFFFC E4E8)
YUV	235.6320, -1.7906, 14.3547
Hunter-Lab	90.5585, 4.0473, 5.8891

# Details

The RYB color **252, 228, 232** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **228, 241, 252**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **195, 173, 176** is the 20% darker color. If you saturate the color by 10%, you get **252, 203, 211**, and if you desaturate by 10%, it is 252, 253, 253.

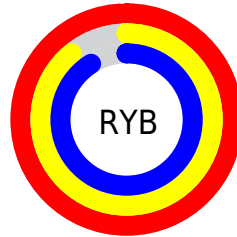
# Distribution



Red (99%)

Green (89%)

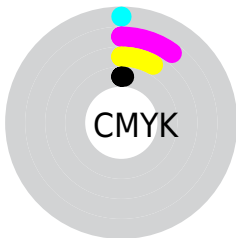
Blue (91%)



Red (99%)

Yellow (89%)

Blue (91%)

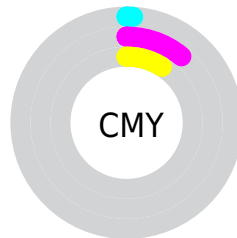


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 252, 228, 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 252, 228, 232 by changing the saturation by 10% instead.




 252, 228, 232

255, 255, 255

 252, 228, 232


 223, 200, 204

 195, 173, 176

 168, 146, 150

 142, 120, 124

 116, 95, 99

 91, 72, 75

 67, 49, 53

 45, 28, 32


 26, 2, 7

 252, 228, 232


 252, 228, 232


 252, 203, 211


 252, 253, 253

 252, 178, 190

 252, 254, 255

 252, 152, 169

 252, 127, 148

 252, 102, 127

 252, 77, 106

 252, 52, 85

 252, 26, 64

 252, 1, 43

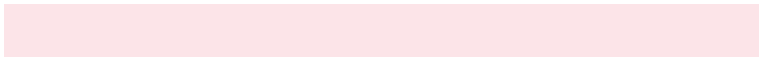
# Harmonies

## Analogous

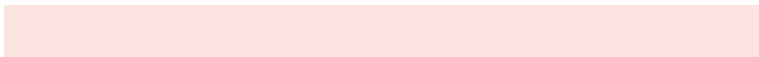
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247, 229, 241



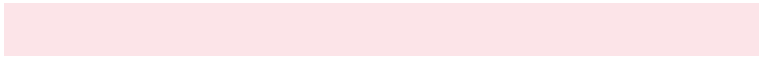
252, 228, 232



252, 230, 224

# Triad

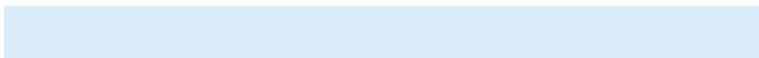
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



252, 228, 232



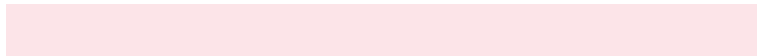
220, 236, 227



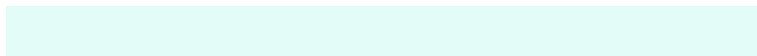
218, 229, 249

# Complementary

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



252, 228, 232



228, 241, 252

# Split Complementary

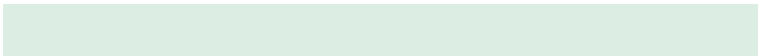
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



213, 227, 244



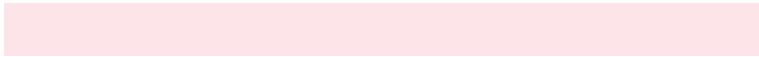
252, 228, 232



220, 233, 238

# Square

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



252, 228, 232



223, 239, 217



214, 228, 239



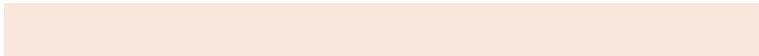
227, 232, 251

# Rectangle

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



252, 228, 232



249, 235, 220



214, 228, 239



216, 229, 248



# Sweetspot

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



252, 228, 232



255, 247, 249



248, 228, 252



128, 122, 123



0, 0, 0



128, 128, 128



# Same Dimension

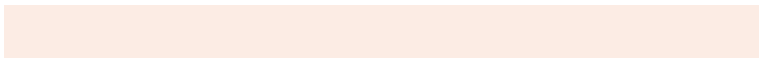
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252, 228, 232



255, 227, 232



252, 240, 228



125, 112, 115



189, 0, 31



61, 0, 10



# Inverse Universe

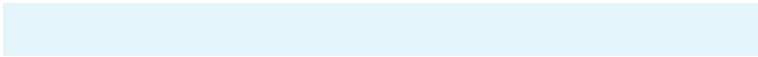
The Inverse Universe completely reimagines the original color for something new.



252, 228, 232



255, 227, 232



228, 238, 252



125, 112, 115



189, 0, 31

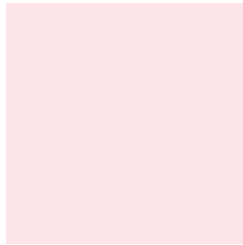


61, 0, 10



# Previews

## White Background



This preview shows how the RYB color 252, 228, 232 looks on a white background.

## Color Contrast Check

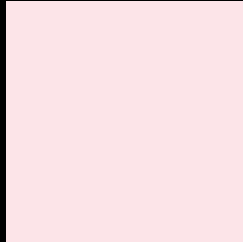
Large Text (above 18pt) WCAG AA × Fail

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 252, 228, 232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

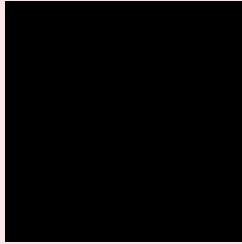
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## **RYB 252, 228, 232 Background**



This preview shows how black text looks on a background with the RYB color 252, 228, 232.

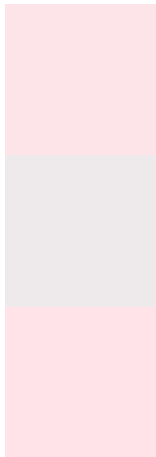


This preview shows how white text looks on a background with the RYB color 252, 228, 232.

# 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**  
[252](#), [228](#), [232](#)

**Protanopia**  
[238](#), [233](#), [235](#)

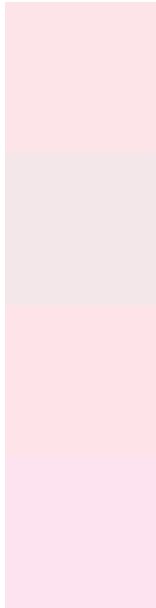
**Deuteranopia**  
[255](#), [227](#), [232](#)



# Tritanopia

254, 226, 244

# Trichromacy



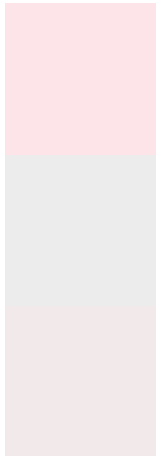
**Original Color**  
252, 228, 232

**Protanomaly**  
243, 231, 234

**Deuteranomaly**  
254, 227, 232

**Tritanomaly**  
253, 227, 240

# Monochromacy



**Original Color**  
252, 228, 232

**Achromatopsia**  
236, 236, 236

**Achromatomaly**  
242, 233, 235

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 252, 228, 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(252, 228, 232) looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 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(252, 228, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 232) }
```

## Border

The CSS property to change the border of an element to RYB 252, 228, 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(252, 228, 232) }
```

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

```
.border{ border-color:rgb(252, 228, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 228, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 228, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 228, 232);  
box-shadow:4px 4px 4px 4px rgb(252, 228,  
232) }
```

# Background

The CSS property to change the background color of an element to RYB 252, 228, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 232) }
```

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

```
.background{ background-color: rgb(252,  
228, 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