

Converting Colors

`RYB(254, 228, 232)`

Have a look what the booklet for
RYB(254, 228, 232) contains.

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Color

$\text{RYB}(254, 228, 232)$

Conversions

Conversions Part 1

Format	Color
Hex	FEE4E8
RGB	254, 228, 232
RGB Percent	100%, 89%, 91%
CMY	0.0039, 0.1059, 0.0902
CMYK	0.00, 0.10, 0.09, 0.00
HSL	351°, 93%, 95%
HSV	351°, 10%, 100%
XYZ	83.1819, 82.3838, 87.8614
YIQ	236.2300, 14.2120, 6.7560

Conversions

Conversions Part 2

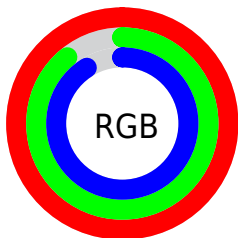
Format	Color
RYB	254, 228, 232
Decimal	16704744
CIELab	92.74, 9.54, 1.29
CIElCh	93, 9.626, 7.709
Yxy	82.3838, 0.3282, 0.3251
Android (android.graphics.Color)	4294894824 (0xFFEE4E8)
YUV	236.2300, -2.0854, 15.5843
Hunter-Lab	90.7655, 4.7464, 6.1429

Details

The RYB color **254, 228, 232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **228, 242, 254**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **197, 173, 176** is the 20% darker color. If you saturate the color by 10%, you get **254, 203, 211**, and if you desaturate by 10%, it is **254, 253, 253**.

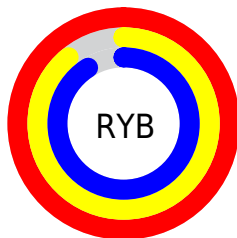
Distribution



Red (100%)

Green (89%)

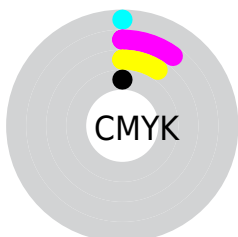
Blue (91%)



Red (100%)

Yellow (89%)

Blue (91%)

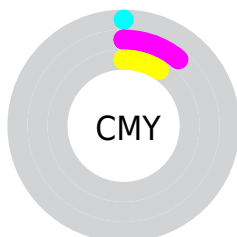


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 254, 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 254, 228, 232 by changing the saturation by 10% instead.


 254, 228, 232

255, 255, 255

 254, 228, 232


 225, 200, 204

 197, 173, 176

 170, 146, 150

 143, 120, 124

 117, 95, 99

 93, 72, 75

 69, 49, 53

 46, 28, 32


 27, 2, 7

 254, 228, 232


 254, 228, 232


 254, 203, 211


 254, 253, 253

 254, 177, 189

 254, 255, 255

 254, 152, 168

 254, 126, 146

 254, 101, 125

 254, 76, 103

 254, 50, 82

 254, 25, 60

 254, 0, 39

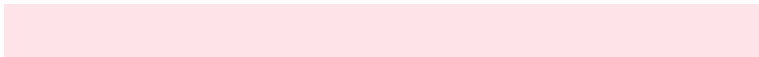
Harmonies

Analogous

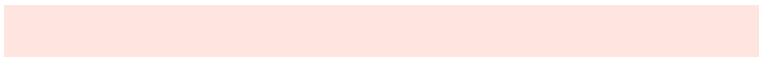
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249, 229, 241



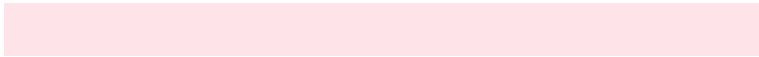
254, 228, 232



254, 230, 223

Triad

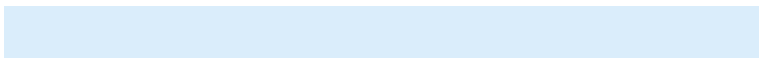
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



254, 228, 232



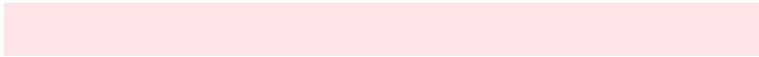
219, 237, 227



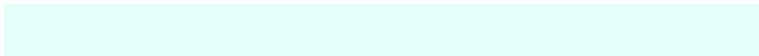
218, 230, 251

Complementary

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



254, 228, 232



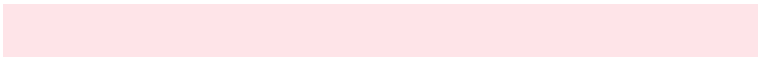
228, 242, 254

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.



212, 227, 245



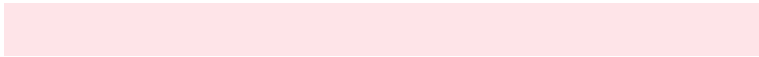
254, 228, 232



219, 233, 239

Square

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



254, 228, 232



224, 240, 216



213, 228, 240



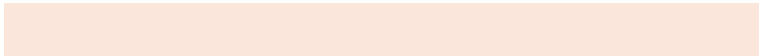
228, 233, 252

Rectangle

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



254, 228, 232



251, 236, 219



213, 228, 240



215, 229, 249

Sweetspot

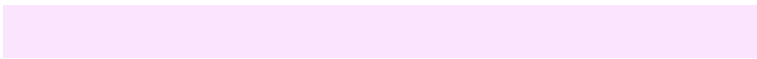
The Sweet Spot groups the original color and five complimentary colors.



254, 228, 232



255, 247, 249



250, 228, 254



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

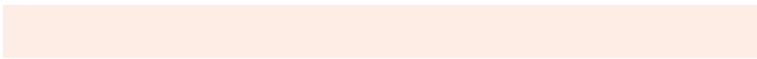
The Same Dimension uses a secret algorithm to generate beautiful new colors.



254, 228, 232



255, 224, 229



254, 242, 228



128, 115, 117



191, 0, 29



64, 0, 10

Inverse Universe

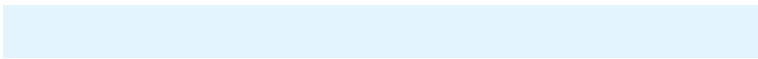
The Inverse Universe completely reimagines the original color for something new.



254, 228, 232



255, 224, 229



228, 238, 254



128, 115, 117



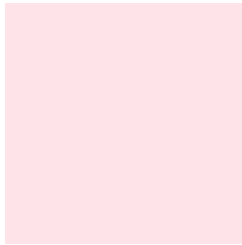
191, 0, 29



64, 0, 10

Previews

White Background



This preview shows how the RYB color 254, 228, 232 looks on a white background.

Color Contrast Check

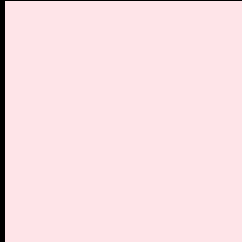
Large Text (above 18pt) WCAG AA × Fail

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 254, 228, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

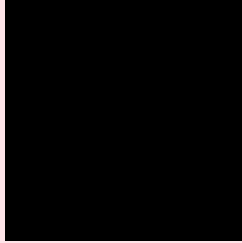
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

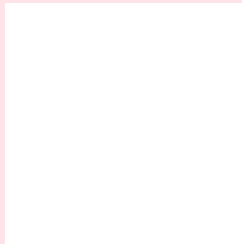
Any Text WCAG AAA ✓ Pass

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

RYB 254, 228, 232 Background



This preview shows how black text looks on a background with the RYB color 254, 228, 232.



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

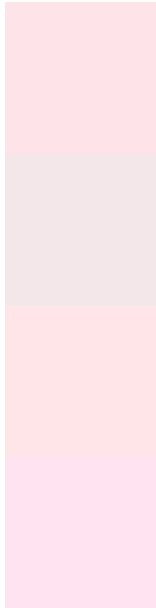
	Original Color 254, 228, 232
	Protanopia 238, 233, 235
	Deuteranopia 255, 228, 232



Tritanopia

255, 226, 244

Trichromacy



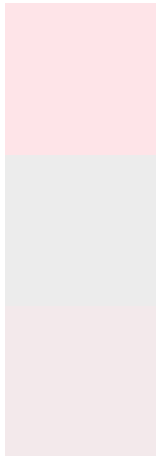
Original Color
254, 228, 232

Protanomaly
244, 231, 234

Deuteranomaly
255, 228, 232

Tritanomaly
255, 227, 240

Monochromacy



Original Color
254, 228, 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, 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(254, 228, 232) looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 228, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 228, 232) }
```

Border

The CSS property to change the border of an element to RYB 254, 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(254, 228, 232) }
```

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

```
.border{ border-color:rgb(254, 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(254, 228, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 228, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 228, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 228,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 254, 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(254, 228, 232) }
```

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

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

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