

Converting Colors

`RYB(255, 232, 240)`

Have a look what the booklet for
RYB(255, 232, 240) contains.

RYB(255, 232, 240)	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

`RYB(255, 232, 240)`

Conversions

Conversions Part 1

Format	Color
Hex	FFE8F0
RGB	255, 232, 240
RGB Percent	100%, 91%, 94%
CMY	0.0000, 0.0902, 0.0588
CMYK	0.00, 0.09, 0.06, 0.00
HSL	339°, 100%, 95%
HSV	339°, 9%, 100%
XYZ	85.8248, 85.2645, 94.3723
YIQ	239.7890, 11.1400, 7.3640

Conversions

Conversions Part 2

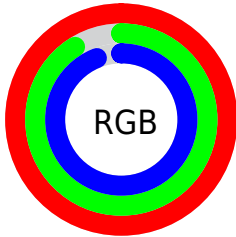
Format	Color
R _Y B	255, 232, 240
Decimal	16771312
CIE Lab	94.00, 9.15, -1.04
CIE LCh	94, 9.209, 353.524
Yxy	85.2645, 0.3233, 0.3212
Android (android.graphics.Color)	4294961392 (0xFFFFE8F0)
YUV	239.7890, 0.1040, 13.3400
Hunter-Lab	92.3388, 4.3150, 4.0414

Details

The RYB color **255, 232, 240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 246, 255**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **198, 176, 184** is the 20% darker color. If you saturate the color by 10%, you get **255, 207, 223**, and if you desaturate by 10%, it is 255, 255, 255.

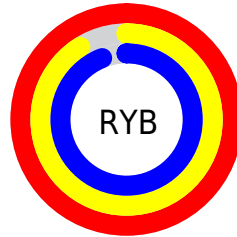
Distribution



Red (100%)

Green (91%)

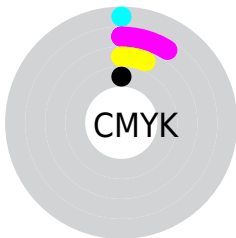
Blue (94%)



Red (100%)

Yellow (91%)

Blue (94%)

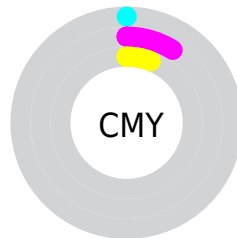


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 232, 240 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 255, 232, 240 by changing the saturation by 10% instead.


 255, 232, 240

255, 255, 255

 255, 232, 240

 226, 204, 212

 198, 176, 184

 171, 150, 157

 144, 124, 131

 119, 99, 106

 94, 75, 82

 70, 52, 59

 47, 31, 37

 28, 8, 16

 255, 232, 240

 255, 232, 240


 255, 207, 223


255, 255, 255


 255, 181, 207


 255, 155, 190

 255, 130, 173

 255, 105, 157

 255, 79, 140

 255, 54, 124

 255, 28, 107

 255, 3, 90

Harmonies

Analogous

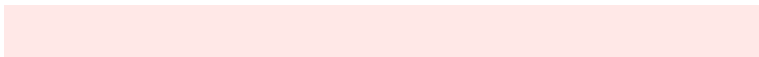
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248, 233, 248



255, 232, 240



255, 232, 231

Triad

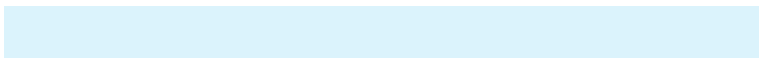
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 232, 240



221, 239, 222



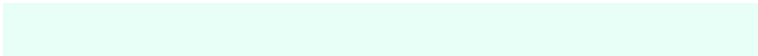
219, 233, 252

Complementary

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



255, 232, 240



232, 246, 255

Split Complementary

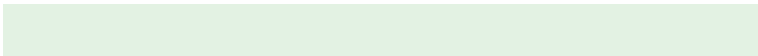
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216, 230, 244



255, 232, 240



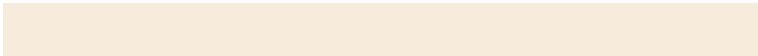
227, 242, 242

Square

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



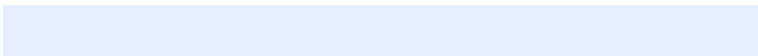
255, 232, 240



239, 247, 220



219, 233, 243



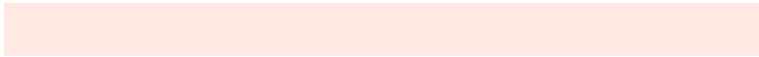
227, 235, 255

Rectangle

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



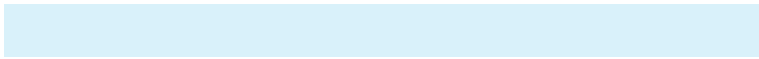
255, 232, 240



255, 235, 226



219, 233, 243



217, 231, 250

Sweetspot

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



255, 232, 240



255, 247, 250



247, 232, 255



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

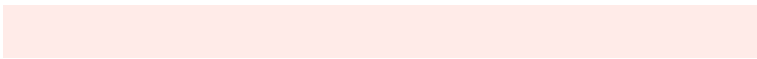
The Same Dimension uses a secret algorithm to generate beautiful new colors.



255, 232, 240



255, 227, 237



255, 235, 232



128, 115, 119



191, 0, 67



64, 0, 22

Inverse Universe

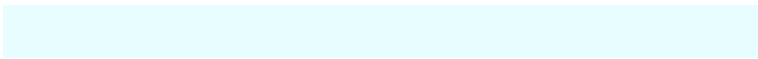
The Inverse Universe completely reimagines the original color for something new.



255, 232, 240



255, 227, 237



232, 243, 255



128, 115, 119



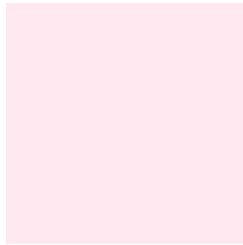
191, 0, 67



64, 0, 22

Previews

White Background



This preview shows how the RYB color 255, 232, 240 looks on a white background.

Color Contrast Check

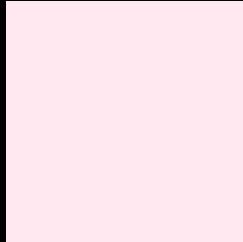
Large Text (above 18pt) WCAG AA × Fail

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 255, 232, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

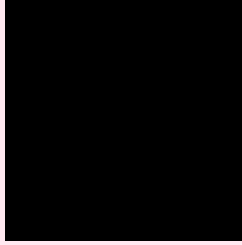
Any Text WCAG AA ✓ Pass

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 255, 232, 240 Background



This preview shows how black text looks on a background with the RYB color 255, 232, 240.

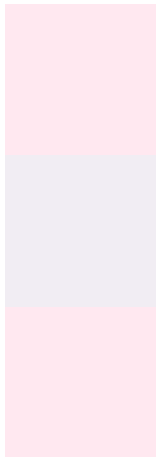


This preview shows how white text looks on a background with the RYB color 255, 232, 240.

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
255, 232, 240

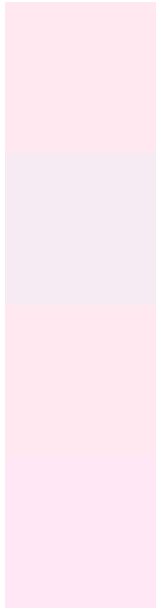
Protanopia
241, 237, 243

Deuteranopia
255, 232, 240



Tritanopia
255, 231, 248

Trichromacy



Original Color

255, 232, 240

Protanomaly

246, 235, 242

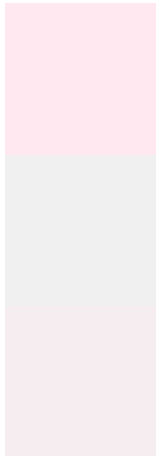
Deuteranomaly

255, 232, 240

Tritanomaly

255, 231, 245

Monochromacy



Original Color

255, 232, 240

Achromatopsia

240, 240, 240

Achromatomaly

245, 237, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 255, 232, 240 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(255, 232, 240) looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 240)  
}
```

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(255, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 240) }
```

Border

The CSS property to change the border of an element to RYB 255, 232, 240 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(255, 232, 240) }
```

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

```
.border{ border-color:rgb(255, 232, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 255, 232, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 240) }
```

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

```
.background{ background-color: rgb(255,  
232, 240) }
```

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