

Converting Colors

`RYB(229, 242, 232)`

Have a look what the booklet for RYB(229, 242, 232) contains.

RYB(229, 242, 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(229, 242, 232)

Conversions

Conversions Part 1

Format	Color
Hex	EFF2E5
RGB	239, 242, 229
RGB Percent	94%, 95%, 90%
CMY	0.0627, 0.0510, 0.1020
CMYK	0.01, 0.00, 0.05, 0.05
HSL	74°, 33%, 92%
HSV	74°, 5%, 95%
XYZ	81.4916, 87.5121, 86.7252
YIQ	239.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

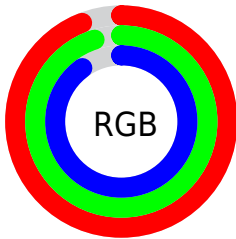
Format	Color
R _Y B	229, 242, 232
Decimal	15725285
CIE Lab	94.96, -3.25, 5.91
CIE LCh	95, 6.746, 118.835
Yxy	87.5121, 0.3187, 0.3422
Android (android.graphics.Color)	4293915365 (0xFFEFF2E5)
YUV	239.6210, -5.2362, -0.5446
Hunter-Lab	93.5479, -8.2137, 10.5177

Details

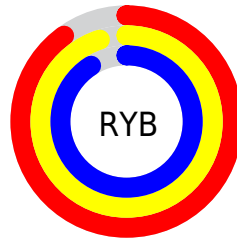
The RYB color **229, 242, 232** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 229, 242**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 186, 177** is the 20% darker color. If you saturate the color by 10%, you get **205, 242, 214**, and if you desaturate by 10%, it is **245, 242, 253**.

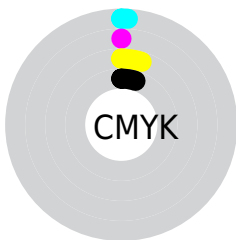
Distribution



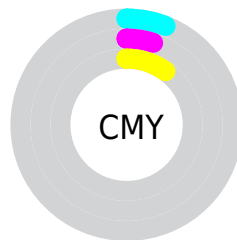
- Red (94%)
- Green (95%)
- Blue (90%)



- Red (90%)
- Yellow (95%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 242, 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 229, 242, 232 by changing the saturation by 10% instead.

■ 229, 242, 232

255, 255, 255

■ 229, 242, 232

■ 201, 214, 204

■ 174, 186, 177

■ 147, 159, 150

■ 121, 133, 124

■ 96, 108, 99

■ 73, 83, 75

■ 50, 60, 52

■ 29, 39, 32

■ 4, 18, 7

229, 242, 232

229, 242, 232

205, 242, 214

245, 242, 253

181, 242, 195

250, 242, 255

156, 242, 176

255, 242, 255

132, 242, 157

108, 242, 139

84, 242, 121

60, 242, 102

35, 242, 83

11, 242, 64

Harmonies

Analogous

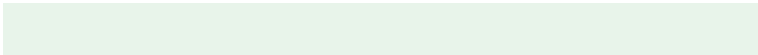
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 247, 228



229, 242, 232



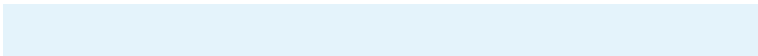
232, 242, 244

Triad

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



229, 242, 232



228, 237, 251



254, 236, 241

Complementary

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



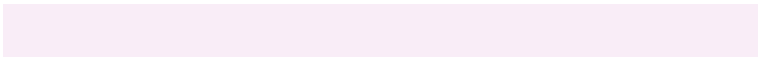
229, 242, 232



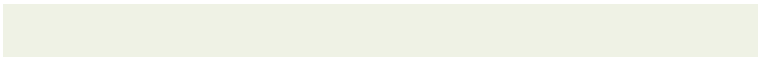
232, 229, 242

Split Complementary

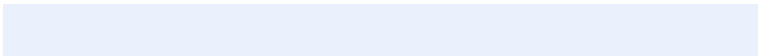
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249, 237, 247



229, 242, 232



234, 239, 253

Square

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



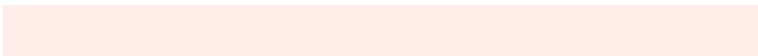
229, 242, 232



225, 235, 246



242, 239, 252



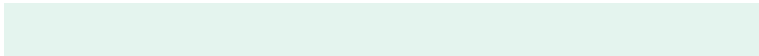
255, 238, 234

Rectangle

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



229, 242, 232



228, 238, 244



242, 239, 252



253, 236, 243

Sweetspot

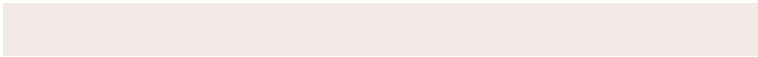
The Sweet Spot groups the original color and five complimentary colors.



229, 242, 232



250, 255, 251



242, 233, 229



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

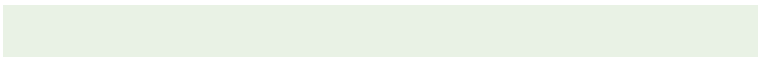
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229, 242, 232



240, 255, 244



229, 242, 238



111, 120, 113



0, 184, 43



0, 56, 13

Inverse Universe

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



232, 229, 242



243, 240, 255



238, 229, 242



113, 111, 120



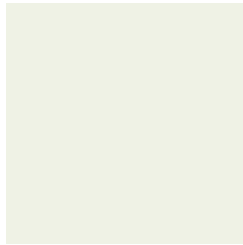
42, 0, 184



13, 0, 56

Previews

White Background



This preview shows how the RYB color 229, 242, 232 looks on a white background.

Color Contrast Check

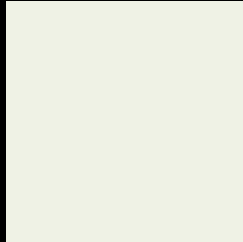
Large Text (above 18pt) WCAG AA × Fail

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 229, 242, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

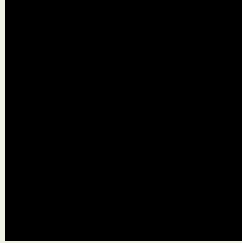
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

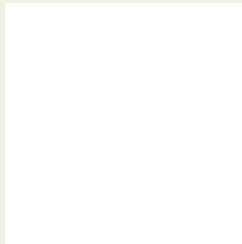
Any Text WCAG AAA ✓ Pass

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

RYB 229, 242, 232 Background



This preview shows how black text looks on a background with the RYB color 229, 242, 232.

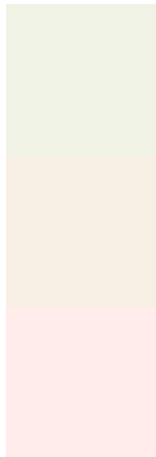


This preview shows how white text looks on a background with the RYB color 229, 242, 232.

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
229, 242, 232

Protanopia
244, 248, 228

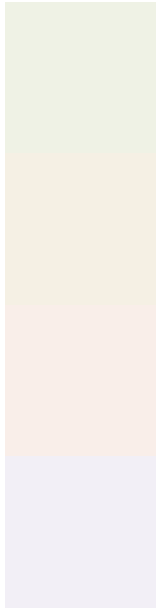
Deuteranopia
255, 236, 235



Tritanopia

243, 238, 255

Trichromacy



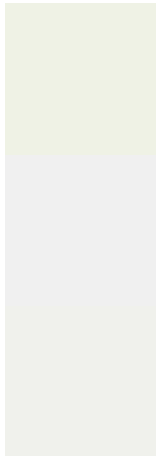
Original Color
229, 242, 232

Protanomaly
235, 245, 228

Deuteranomaly
249, 240, 233

Tritanomaly
242, 239, 246

Monochromacy



Original Color
229, 242, 232

Achromatopsia
240, 240, 240

Achromatomaly
236, 241, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 242, 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(239, 242, 229) looks like.

```
.text, #text, p{  
    color:rgb(239, 242, 229)  
}
```

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(239, 242, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 242, 229) }
```

Border

The CSS property to change the border of an element to RYB 229, 242, 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(239, 242, 229) }
```

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

```
.border{ border-color:rgb(239, 242, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 242, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 242, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 242, 229);  
box-shadow:4px 4px 4px 4px rgb(239, 242,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 229, 242, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 242, 229) }
```

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

```
.background{ background-color: rgb(239,  
242, 229) }
```

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