

Converting Colors

`RYB(223, 240, 229)`

Have a look what the booklet for
RYB(223, 240, 229) contains.

RYB(223, 240, 229)	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(223, 240, 229)

Conversions

Conversions Part 1

Format	Color
Hex	EAF0DF
RGB	234, 240, 223
RGB Percent	92%, 94%, 87%
CMY	0.0824, 0.0588, 0.1255
CMYK	0.03, 0.00, 0.07, 0.06
HSL	81°, 36%, 91%
HSV	81°, 7%, 94%
XYZ	78.4111, 85.1403, 82.1131
YIQ	236.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

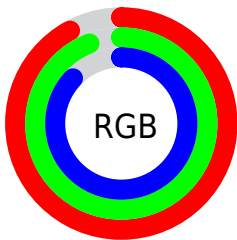
Format	Color
R _Y B	223, 240, 229
Decimal	15397087
CIE Lab	93.94, -4.96, 7.51
CIE LCh	94, 8.999, 123.413
Yxy	85.1403, 0.3192, 0.3466
Android (android.graphics.Color)	4293587167 (0xFFEAF0DF)
YUV	236.2680, -6.5411, -1.9890
Hunter-Lab	92.2715, -9.7883, 11.8275

Details

The RYB color **223, 240, 229** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **229, 223, 240**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is 255, 255, 255, and **168, 184, 174** is the 20% darker color. If you saturate the color by 10%, you get **199, 240, 213**, and if you desaturate by 10%, it is **242, 240, 247**.

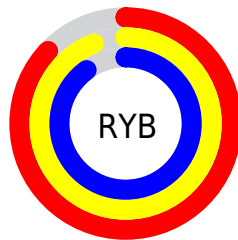
Distribution



Red (92%)

Green (94%)

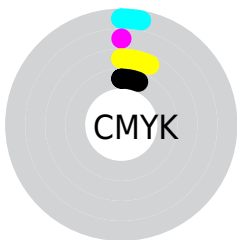
Blue (87%)



Red (87%)

Yellow (94%)

Blue (90%)

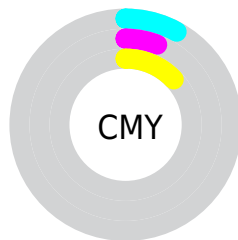


Cyan (3%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (8%)

Magenta (6%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 240, 229 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 223, 240, 229 by changing the saturation by 10% instead.

■ 223, 240, 229

255, 255, 255

■ 223, 240, 229

■ 195, 212, 201

■ 168, 184, 174

■ 141, 157, 146

■ 116, 131, 121

■ 91, 106, 96

■ 68, 82, 73

■ 46, 59, 51

■ 25, 37, 29

■ 0, 16, 7

223, 240, 229

223, 240, 229

199, 240, 213

242, 240, 247

175, 240, 198

251, 240, 255

151, 240, 182

255, 240, 255

127, 240, 167

103, 240, 151

79, 240, 136

55, 240, 120

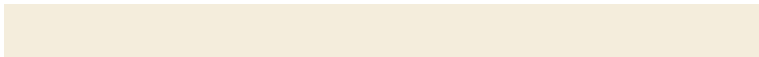
31, 240, 105

7, 240, 89

Harmonies

Analogous

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



230, 244, 220



223, 240, 229



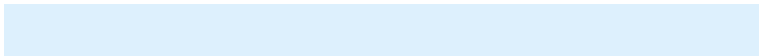
224, 238, 242

Triad

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



223, 240, 229



221, 233, 253



255, 232, 237

Complementary

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



223, 240, 229



229, 223, 240

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.



250, 233, 246



223, 240, 229



230, 236, 255

Square

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



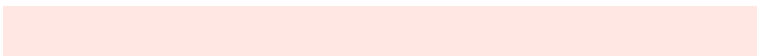
223, 240, 229



217, 231, 247



241, 235, 252



255, 233, 228

Rectangle

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



223, 240, 229



220, 234, 243



241, 235, 252



254, 232, 240

Sweetspot

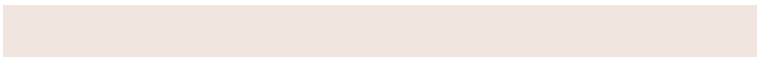
The Sweet Spot groups the original color and five complimentary colors.



223, 240, 229



250, 255, 252



240, 232, 223



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

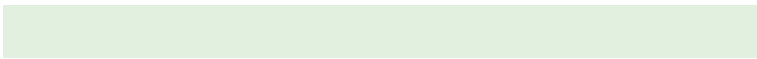
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223, 240, 229



232, 255, 240



223, 240, 237



108, 120, 112



0, 184, 65



0, 56, 20

Inverse Universe

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



229, 223, 240



240, 232, 255



237, 223, 240



112, 108, 120



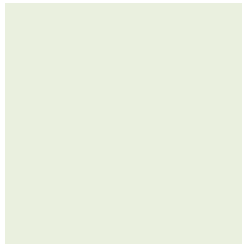
65, 0, 184



20, 0, 56

Previews

White Background



This preview shows how the RYB color 223, 240, 229 looks on a white background.

Color Contrast Check

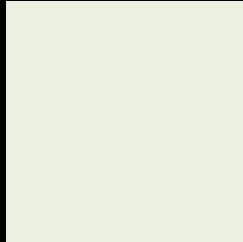
Large Text (above 18pt) WCAG AA × Fail

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 223, 240, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

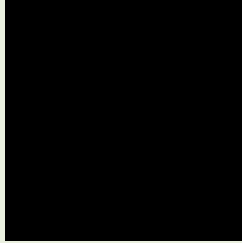
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

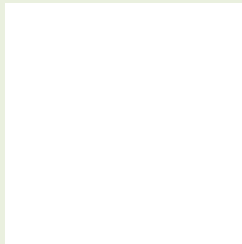
Any Text WCAG AAA ✓ Pass

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

R/Y/B 223, 240, 229 Background



This preview shows how black text looks on a background with the R/Y/B color 223, 240, 229.

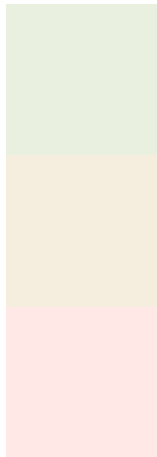


This preview shows how white text looks on a background with the R/Y/B color 223, 240, 229.

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
223, 240, 229

Protanopia
233, 245, 221

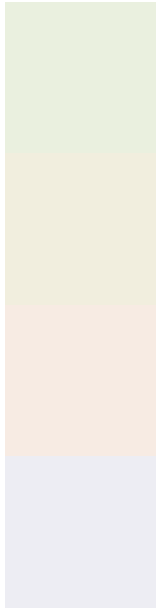
Deuteranopia
255, 232, 230



Tritanopia

239, 235, 254

Trichromacy



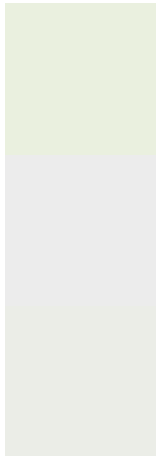
Original Color
223, 240, 229

Protanomaly
226, 241, 222

Deuteranomaly
247, 240, 227

Tritanomaly
237, 237, 243

Monochromacy



Original Color
223, 240, 229

Achromatopsia
236, 236, 236

Achromatomaly
231, 237, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 240, 229 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(234, 240, 223) looks like.

```
.text, #text, p{  
    color:rgb(234, 240, 223)  
}
```

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(234, 240, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 240, 223) }
```

Border

The CSS property to change the border of an element to RYB 223, 240, 229 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(234, 240, 223) }
```

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

```
.border{ border-color:rgb(234, 240, 223) }
```

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

Here you see how a box with a 4 pixel rgb(234, 240, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 240, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 240, 223);  
box-shadow:4px 4px 4px 4px rgb(234, 240,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 234, 240, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 240, 229) }
```

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

```
.background{ background-color: rgb(234,  
240, 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