

Converting Colors

`RYB(225, 234, 247)`

Have a look what the booklet for
RYB(225, 234, 247) contains.

RYB(225, 234, 247)	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(225, 234, 247)

Conversions

Conversions Part 1

Format	Color
Hex	E1F0F7
RGB	225, 240, 247
RGB Percent	88%, 94%, 97%
CMY	0.1176, 0.0579, 0.0314
CMYK	0.09, 0.03, 0.00, 0.03
HSL	198°, 58%, 93%
HSV	198°, 9%, 97%
XYZ	79.0679, 85.1791, 100.2696
YIQ	236.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

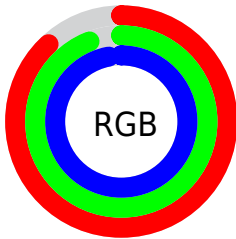
Format	Color
R _Y B	225, 234, 247
Decimal	14807287
CIE Lab	93.96, -3.72, -4.99
CIE LCh	94, 6.228, 233.305
Yxy	85.1791, 0.2989, 0.3220
Android (android.graphics.Color)	4292997367 (0xFFE1F0F7)
YUV	236.3130, 5.2687, -9.9215
Hunter-Lab	92.2925, -8.5892, 0.1902

Details

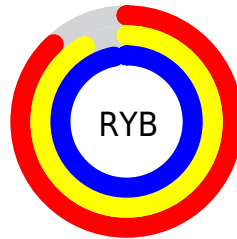
The RYB color `225, 234, 247` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `247, 235, 225`, and the grayscale version is `236, 236, 236`.

A 20% lighter version of the original color is `255, 255, 255`, and `170, 178, 191` is the 20% darker color. If you saturate the color by 10%, you get `200, 219, 247`, and if you desaturate by 10%, it is `250, 249, 247`.

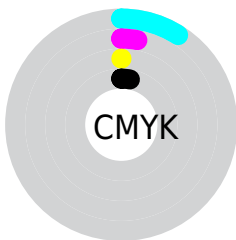
Distribution



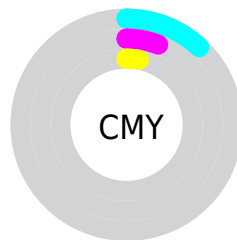
- Red (88%)
- Green (94%)
- Blue (97%)



- Red (88%)
- Yellow (92%)
- Blue (97%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (12%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 234, 247 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 225, 234, 247 by changing the saturation by 10% instead.

■ 225, 234, 247

255, 255, 255

■ 225, 234, 247

■ 197, 206, 219

■ 170, 178, 191

■ 143, 151, 164

■ 117, 125, 137

■ 93, 101, 112

■ 69, 77, 88

■ 46, 54, 64

■ 25, 32, 42

■ 0, 10, 22

225, 234, 247

225, 234, 247

200, 219, 247

250, 249, 247

176, 205, 247

247, 255, 247

151, 190, 247

126, 176, 247

101, 161, 247

77, 147, 247

52, 132, 247

27, 117, 247

3, 103, 247

Harmonies

Analogous

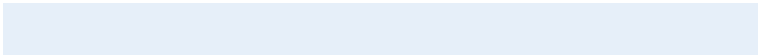
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 232, 242



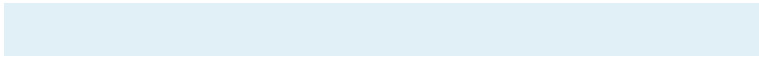
225, 234, 247



230, 236, 249

Triad

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



225, 234, 247



249, 234, 239



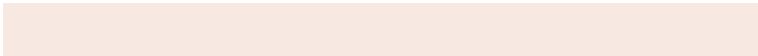
227, 239, 228

Complementary

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



225, 234, 247



247, 235, 225

Split Complementary

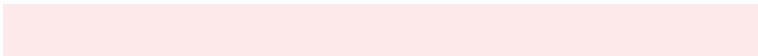
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 244, 226



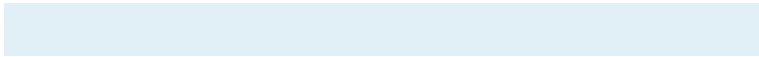
225, 234, 247



251, 234, 233

Square

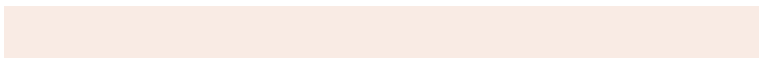
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



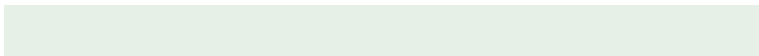
225, 234, 247



244, 235, 245



249, 239, 228



230, 240, 239

Rectangle

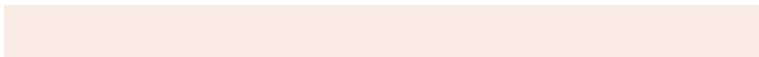
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225, 234, 247



235, 237, 249



249, 239, 228



228, 240, 226

Sweetspot

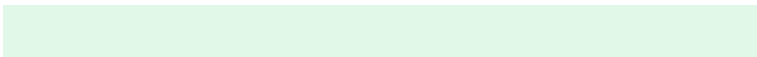
The Sweet Spot groups the original color and five complimentary colors.



225, 234, 247



247, 250, 255



225, 242, 247



122, 124, 128



0, 0, 0



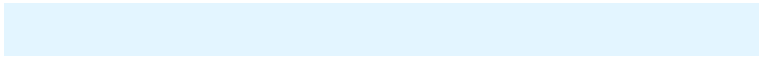
128, 128, 128

Same Dimension

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



225, 234, 247



227, 238, 255



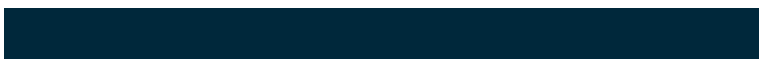
225, 228, 247



110, 115, 122



0, 76, 186



0, 24, 59

Inverse Universe

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



247, 225, 240



255, 227, 246



230, 247, 225



122, 110, 119



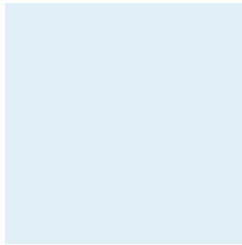
186, 0, 129



59, 0, 41

Previews

White Background



This preview shows how the RGB color 225, 234, 247 looks on a white background.

Color Contrast Check

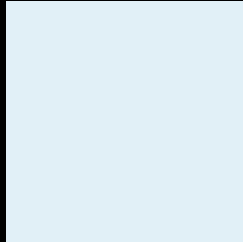
Large Text (above 18pt) WCAG AA × Fail

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 225, 234, 247 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

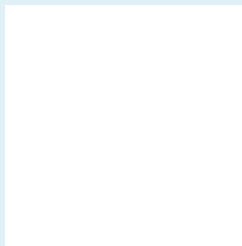
Any Text WCAG AAA ✓ Pass

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

RYB 225, 234, 247 Background



This preview shows how black text looks on a background with the RYB color 225, 234, 247.



This preview shows how white text looks on a background with the RYB color 225, 234, 247.

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

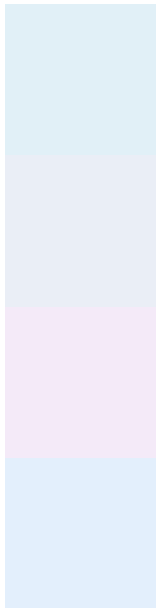
	Original Color 225, 234, 247
	Protanopia 239, 236, 245
	Deuteranopia 255, 230, 249



Tritanopia

228, 235, 255

Trichromacy



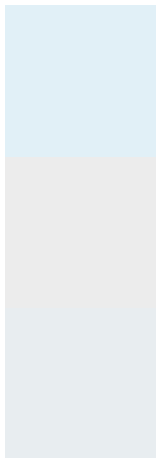
Original Color
225, 234, 247

Protanomaly
234, 237, 246

Deuteranomaly
244, 234, 248

Tritanomaly
227, 235, 252

Monochromacy



Original Color
225, 234, 247

Achromatopsia
236, 236, 236

Achromatomaly
232, 235, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 234, 247 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(225, 240, 247)` looks like.

```
.text, #text, p{  
    color:rgb(225, 240, 247)  
}
```

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(225, 240, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 240, 247) }
```

Border

The CSS property to change the border of an element to RYB 225, 234, 247 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(225, 240, 247) }
```

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

```
.border{ border-color:rgb(225, 240, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 240, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 240, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 240, 247);  
box-shadow:4px 4px 4px 4px rgb(225, 240,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 225, 240, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 240, 247) }
```

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

```
.background{ background-color: rgb(225,  
240, 247) }
```

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