

Converting Colors

`RYB(224, 235, 244)`

Have a look what the booklet for RYB(224, 235, 244) contains.

RYB(224, 235, 244)	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(224, 235, 244)

Conversions

Conversions Part 1

Format	Color
Hex	E0F4F0
RGB	224, 244, 240
RGB Percent	88%, 96%, 94%
CMY	0.1216, 0.0431, 0.0574
CMYK	0.08, 0.00, 0.01, 0.04
HSL	169°, 48%, 92%
HSV	169°, 8%, 96%
XYZ	78.8734, 86.8616, 95.3305
YIQ	237.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

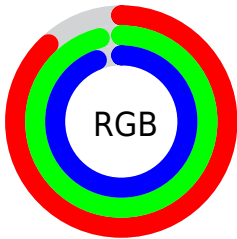
Format	Color
R_{YB}	224, 235, 244
Decimal	14742768
CIE _{Lab}	94.68, -7.21, -0.51
CIE _{LCh}	95, 7.226, 184.008
Yxy	86.8616, 0.3021, 0.3327
Android (android.graphics.Color)	4292932848 (0xFFE0F4F0)
YUV	237.5640, 1.2009, -11.8956
Hunter-Lab	93.1996, -12.0373, 4.5941

Details

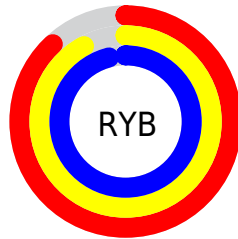
The RYB color **224, 235, 244** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **244, 224, 228**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 180, 188** is the 20% darker color. If you saturate the color by 10%, you get **200, 224, 244**, and if you desaturate by 10%, it is **248, 244, 245**.

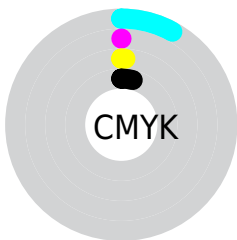
Distribution



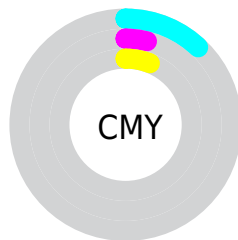
- Red (88%)
- Green (96%)
- Blue (94%)



- Red (88%)
- Yellow (92%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (12%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 235, 244 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 224, 235, 244 by changing the saturation by 10% instead.

■ 224, 235, 244

255, 255, 255

■ 224, 235, 244

■ 196, 207, 216

■ 169, 180, 188

■ 142, 152, 161

■ 117, 127, 135

■ 92, 101, 109

■ 68, 77, 85

■ 46, 55, 62

■ 24, 33, 40

■ 0, 11, 20

 224, 235, 244

 224, 235, 244

 200, 224, 244

 248, 244, 245

 175, 213, 244

 255, 244, 249


 151, 202, 244


 255, 244, 254


 126, 191, 244

 255, 244, 255

 102, 180, 244

 78, 169, 244

 53, 158, 244

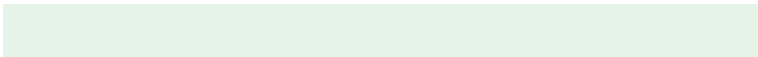
 29, 147, 244

 4, 136, 244

Harmonies

Analogous

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



229, 240, 243



224, 235, 244



223, 234, 247

Triad

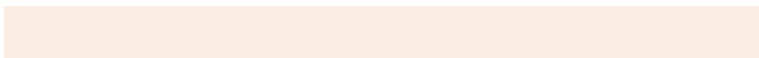
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224, 235, 244



242, 238, 251



251, 244, 227

Complementary

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



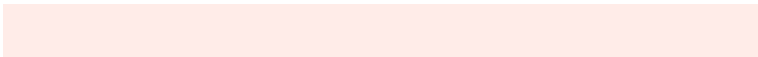
224, 235, 244



244, 224, 228

Split Complementary

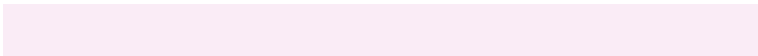
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 237, 232



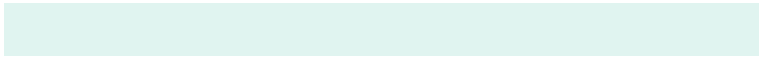
224, 235, 244



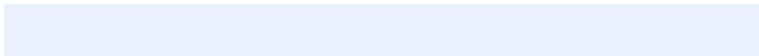
250, 236, 246

Square

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



224, 235, 244



234, 239, 253



254, 235, 239



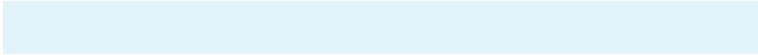
235, 245, 226

Rectangle

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



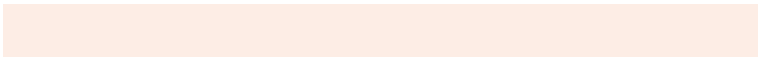
224, 235, 244



225, 236, 251



254, 235, 239



253, 241, 229

Sweetspot

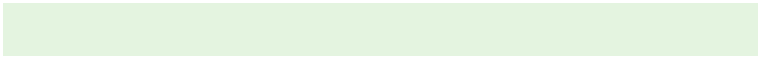
The Sweet Spot groups the original color and five complimentary colors.



224, 235, 244



250, 253, 255



224, 244, 240



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 235, 244



230, 244, 255



224, 232, 244



110, 117, 122



0, 102, 186



0, 33, 59

Inverse Universe

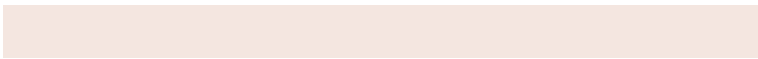
The Inverse Universe completely reimagines the original color for something new.



244, 224, 228



255, 230, 234



244, 233, 224



122, 110, 112



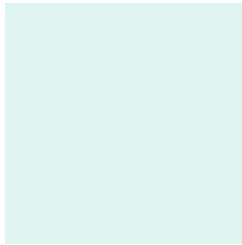
186, 0, 34



59, 0, 11

Previews

White Background



This preview shows how the RYB color 224, 235, 244 looks on a white background.

Color Contrast Check

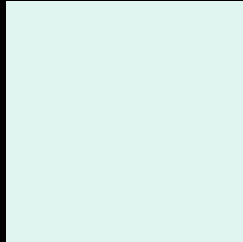
Large Text (above 18pt) WCAG AA × Fail

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 224, 235, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

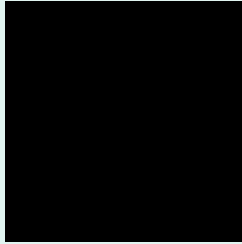
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

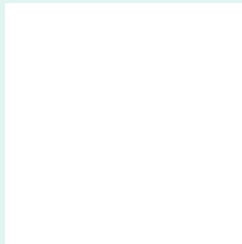
Any Text WCAG AAA ✓ Pass

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

RYB 224, 235, 244 Background



This preview shows how black text looks on a background with the RYB color 224, 235, 244.

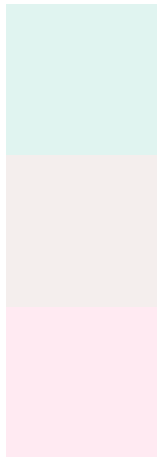


This preview shows how white text looks on a background with the RYB color 224, 235, 244.

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
[224](#), [235](#), [244](#)

Protanopia
[244](#), [238](#), [237](#)

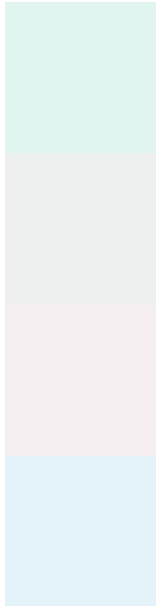
Deuteranopia
[255](#), [234](#), [242](#)



Tritanopia

231, 238, 255

Trichromacy



Original Color

224, 235, 244

Protanomaly

237, 239, 240

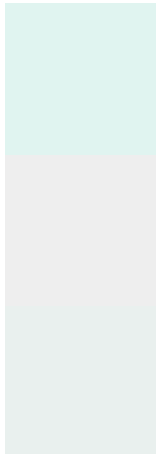
Deuteranomaly

244, 238, 241

Tritanomaly

228, 237, 250

Monochromacy



Original Color

224, 235, 244

Achromatopsia

238, 238, 238

Achromatomaly

233, 237, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 235, 244 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(224, 244, 240)` looks like.

```
.text, #text, p{  
    color:rgb(224, 244, 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(224, 244, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 244, 240) }
```

Border

The CSS property to change the border of an element to RYB 224, 235, 244 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(224, 244, 240) }
```

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

```
.border{ border-color:rgb(224, 244, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 244, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 244, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 244, 240);  
box-shadow:4px 4px 4px 4px rgb(224, 244,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 224, 235, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 244, 240) }
```

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

```
.background{ background-color: rgb(224,  
244, 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