

Converting Colors

`RYB(234, 243, 245)`

Have a look what the booklet for
RYB(234, 243, 245) contains.

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Color

R_YB(234, 243, 245)

Conversions

Conversions Part 1

Format	Color
Hex	EAF5EC
RGB	234, 245, 236
RGB Percent	92%, 96%, 93%
CMY	0.0824, 0.0392, 0.0728
CMYK	0.04, 0.00, 0.03, 0.04
HSL	133°, 35%, 94%
HSV	133°, 4%, 96%
XYZ	81.7891, 88.8792, 92.5405
YIQ	240.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

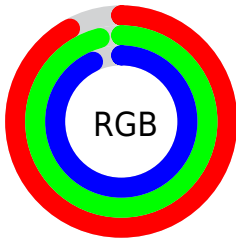
Format	Color
R_{YB}	234, 243, 245
Decimal	15398380
CIE _{Lab}	95.53, -5.15, 2.85
CIE _{LCh}	96, 5.888, 151.091
Y _{xy}	88.8792, 0.3107, 0.3377
Android (android.graphics.Color)	4293588460 (0xFFEAF5EC)
Y _{UV}	240.6850, -2.3097, -5.8627
Hunter-Lab	94.2758, -10.1247, 7.7944

Details

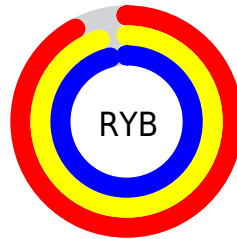
The RYB color **234, 243, 245** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **245, 234, 243**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 187, 189** is the 20% darker color. If you saturate the color by 10%, you get **210, 239, 245**, and if you desaturate by 10%, it is **255, 245, 255**.

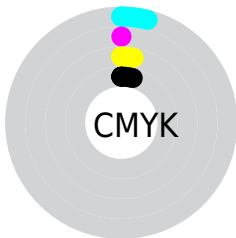
Distribution



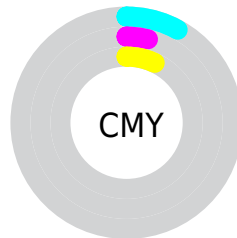
- Red (92%)
- Green (96%)
- Blue (93%)



- Red (92%)
- Yellow (95%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 243, 245 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 234, 243, 245 by changing the saturation by 10% instead.


 234, 243, 245

255, 255, 255


 234, 243, 245

 206, 215, 217

 178, 187, 189


 152, 160, 162

 126, 134, 136

 101, 108, 110

 77, 84, 86

 54, 61, 63

 33, 39, 41

 10, 19, 21

 234, 243, 245

 234, 243, 245

 210, 239, 245

 255, 245, 255

 185, 234, 245

 160, 229, 245

 136, 225, 245

 111, 220, 245

 87, 216, 245

 62, 212, 245

 38, 207, 245

 14, 203, 245

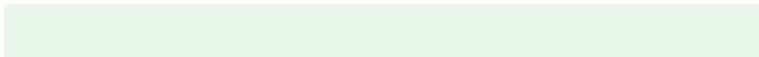
Harmonies

Analogous

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



232, 244, 236



234, 243, 245



230, 239, 246

Triad

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



234, 243, 245



237, 241, 253



255, 240, 236

Complementary

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



234, 243, 245



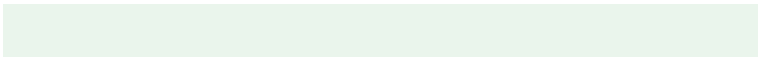
245, 234, 243

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.



254, 238, 242



234, 243, 245



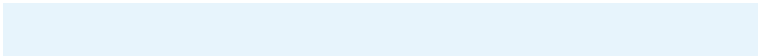
244, 241, 252

Square

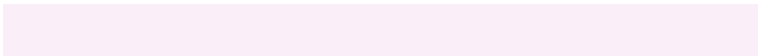
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



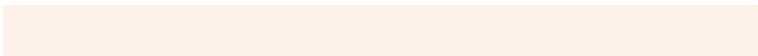
234, 243, 245



231, 239, 252



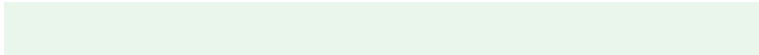
250, 239, 248



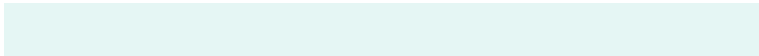
252, 245, 232

Rectangle

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



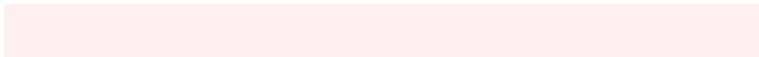
234, 243, 245



229, 238, 246



250, 239, 248



255, 239, 238

Sweetspot

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



234, 243, 245



252, 254, 255



234, 245, 236



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 243, 245



242, 253, 255



234, 240, 245



115, 120, 122



0, 152, 186



0, 48, 59

Inverse Universe

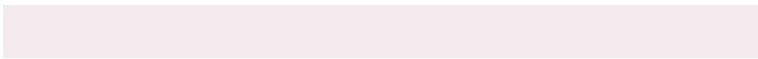
The Inverse Universe completely reimagines the original color for something new.



245, 234, 243



255, 242, 252



245, 234, 237



122, 115, 121



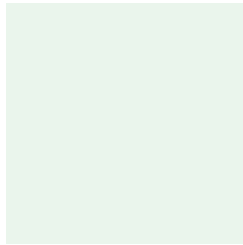
186, 0, 145



59, 0, 46

Previews

White Background



This preview shows how the RYB color 234, 243, 245 looks on a white background.

Color Contrast Check

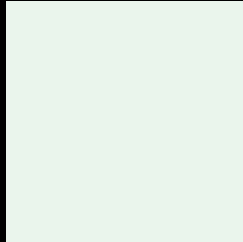
Large Text (above 18pt) WCAG AA × Fail

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 234, 243, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

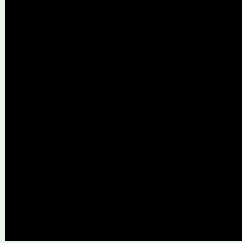
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

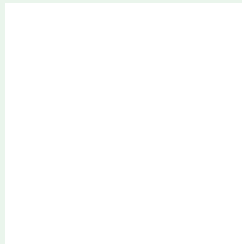
Any Text WCAG AAA ✓ Pass

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

RYB 234, 243, 245 Background



This preview shows how black text looks on a background with the RYB color 234, 243, 245.

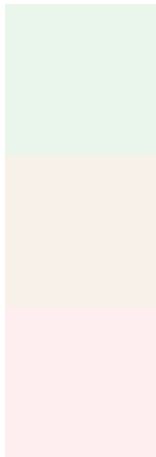


This preview shows how white text looks on a background with the RYB color 234, 243, 245.

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
234, 243, 245

Protanopia
248, 248, 234

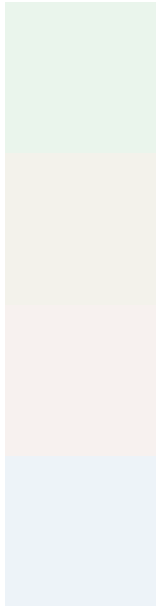
Deuteranopia
255, 238, 240



Tritanopia

239, 242, 255

Trichromacy



Original Color

234, 243, 245

Protanomaly

236, 243, 235

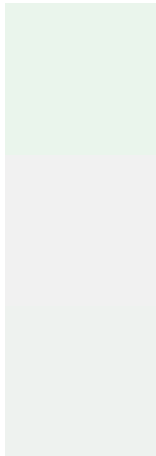
Deuteranomaly

247, 242, 239

Tritanomaly

237, 241, 248

Monochromacy



Original Color

234, 243, 245

Achromatopsia

241, 241, 241

Achromatomaly

238, 241, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 243, 245 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, 245, 236) looks like.

```
.text, #text, p{  
    color:rgb(234, 245, 236)  
}
```

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, 245, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 245, 236) }
```

Border

The CSS property to change the border of an element to RYB 234, 243, 245 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, 245, 236) }
```

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

```
.border{ border-color:rgb(234, 245, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 245, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 245,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 234, 243, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 245, 236) }
```

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

```
.background{ background-color: rgb(234,  
245, 236) }
```

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](#).

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