

Converting Colors

`RYB(230, 244, 236)`

Have a look what the booklet for
RYB(230, 244, 236) contains.

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Color

R_YB(230, 244, 236)

Conversions

Conversions Part 1

Format	Color
Hex	EEF4E6
RGB	238, 244, 230
RGB Percent	93%, 96%, 90%
CMY	0.0667, 0.0431, 0.0980
CMYK	0.02, 0.00, 0.06, 0.04
HSL	86°, 39%, 93%
HSV	86°, 6%, 96%
XYZ	81.8935, 88.5917, 87.6466
YIQ	240.6100, 0.9180, -5.6260

Conversions

Conversions Part 2

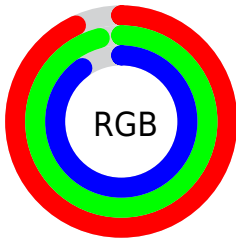
Format	Color
R _Y B	230, 244, 236
Decimal	15660262
CIE Lab	95.41, -4.43, 6.04
CIE LCh	95, 7.491, 126.279
Yxy	88.5917, 0.3173, 0.3432
Android (android.graphics.Color)	4293850342 (0xFFEEF4E6)
YUV	240.6100, -5.2307, -2.2890
Hunter-Lab	94.1232, -9.4085, 10.6759

Details

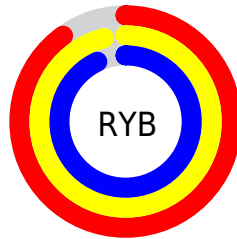
The RYB color **230, 244, 236** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **236, 230, 244**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is 255, 255, 255, and **175, 188, 181** is the 20% darker color. If you saturate the color by 10%, you get **206, 244, 222**, and if you desaturate by 10%, it is **248, 244, 254**.

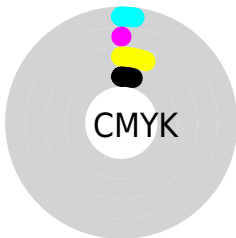
Distribution



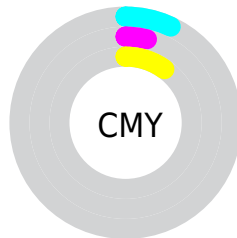
- Red (93%)
- Green (96%)
- Blue (90%)



- Red (90%)
- Yellow (96%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 244, 236 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 230, 244, 236 by changing the saturation by 10% instead.

 230, 244, 236

255, 255, 255


 230, 244, 236

 202, 216, 208


 175, 188, 181

 148, 161, 154

 122, 135, 128

 97, 109, 102

 74, 85, 79

 51, 62, 56

 30, 40, 34

 5, 20, 10

 230, 244, 236

 230, 244, 236

 206, 244, 222

 248, 244, 254

 181, 244, 208

 255, 244, 255

 157, 244, 194

 132, 244, 180

 108, 244, 166

 84, 244, 153

 59, 244, 138

 35, 244, 125

 10, 244, 110

Harmonies

Analogous

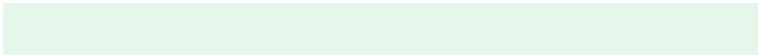
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232, 246, 227



230, 244, 236



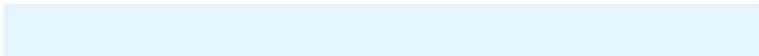
230, 242, 246

Triad

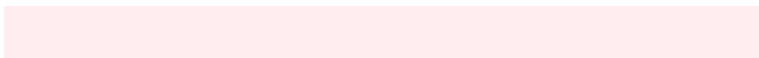
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 244, 236



229, 239, 255



255, 237, 240

Complementary

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



230, 244, 236



236, 230, 244

Split Complementary

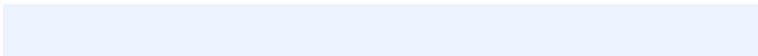
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 238, 248



230, 244, 236



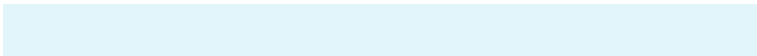
236, 241, 255

Square

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



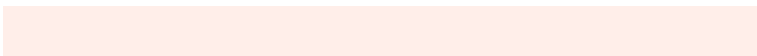
230, 244, 236



225, 236, 250



245, 239, 253



255, 239, 233

Rectangle

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



230, 244, 236



226, 237, 246



245, 239, 253



255, 237, 243

Sweetspot

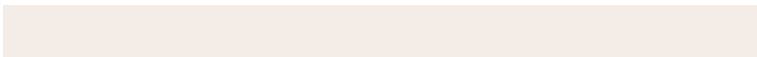
The Sweet Spot groups the original color and five complimentary colors.



230, 244, 236



250, 255, 252



244, 241, 230



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

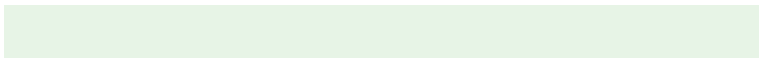
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 244, 236



237, 255, 245



230, 244, 243



113, 122, 117



0, 186, 80



0, 59, 25

Inverse Universe

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



236, 230, 244



245, 237, 255



243, 230, 244



117, 113, 122



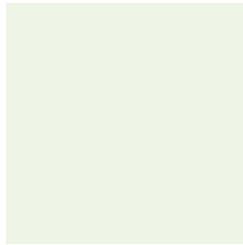
80, 0, 186



25, 0, 59

Previews

White Background



This preview shows how the RYB color 230, 244, 236 looks on a white background.

Color Contrast Check

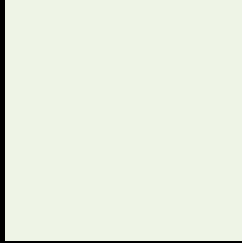
Large Text (above 18pt) WCAG AA × Fail

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 230, 244, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

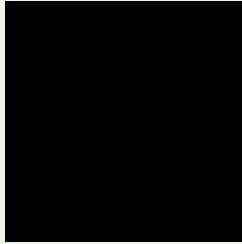
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

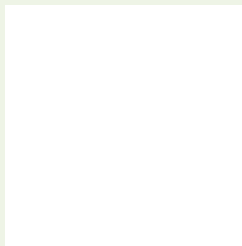
Any Text WCAG AAA ✓ Pass

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

RYB 230, 244, 236 Background



This preview shows how black text looks on a background with the RYB color 230, 244, 236.

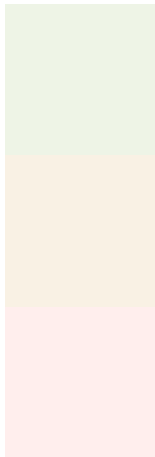


This preview shows how white text looks on a background with the RYB color 230, 244, 236.

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
230, 244, 236

Protanopia
241, 249, 228

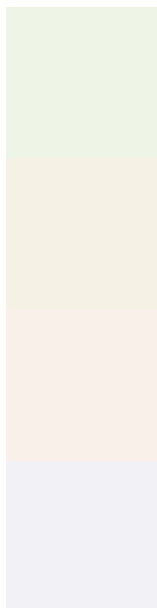
Deuteranopia
255, 238, 237



Tritanopia

242, 240, 255

Trichromacy



Original Color

230, 244, 236

Protanomaly

233, 245, 229

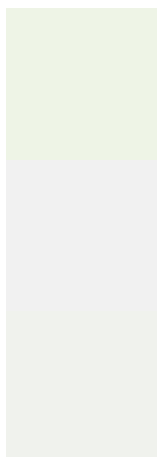
Deuteranomaly

249, 244, 234

Tritanomaly

241, 241, 246

Monochromacy



Original Color

230, 244, 236

Achromatopsia

241, 241, 241

Achromatomaly

237, 242, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 244, 236 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(238, 244, 230) looks like.

```
.text, #text, p{  
    color:rgb(238, 244, 230)  
}
```

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(238, 244, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 244, 230) }
```

Border

The CSS property to change the border of an element to RYB 230, 244, 236 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(238, 244, 230) }
```

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

```
.border{ border-color:rgb(238, 244, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 244, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 244, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 244, 230);  
box-shadow:4px 4px 4px 4px rgb(238, 244,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 230, 244, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 244, 230) }
```

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

```
.background{ background-color: rgb(238,  
244, 230) }
```

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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