

Converting Colors

`RYB(234, 247, 254)`

Have a look what the booklet for
RYB(234, 247, 254) contains.

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Color

R_YB(234, 247, 254)

Conversions

Conversions Part 1

Format	Color
Hex	EAFEF5
RGB	234, 254, 245
RGB Percent	92%, 100%, 96%
CMY	0.0824, 0.0039, 0.0401
CMYK	0.08, 0.00, 0.04, 0.00
HSL	152°, 91%, 96%
HSV	152°, 8%, 100%
XYZ	85.8197, 94.9545, 100.0065
YIQ	246.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

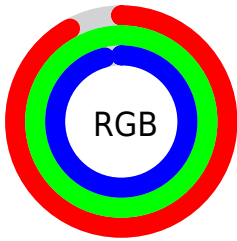
Format	Color
R_{YB}	234, 247, 254
Decimal	15400693
CIE Lab	98.02, -8.18, 2.17
CIE LCh	98, 8.462, 165.156
Yxy	94.9545, 0.3056, 0.3382
Android (android.graphics.Color)	4293590773 (0xFFEAFEF5)
YUV	246.9940, -0.9830, -11.3957
Hunter-Lab	97.4446, -13.3227, 7.3625

Details

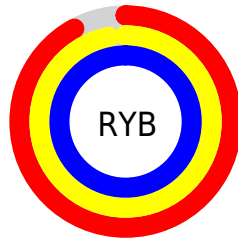
The RYB color **234, 247, 254** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **254, 234, 243**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 190, 197** is the 20% darker color. If you saturate the color by 10%, you get **209, 238, 254**, and if you desaturate by 10%, it is **255, 254, 255**.

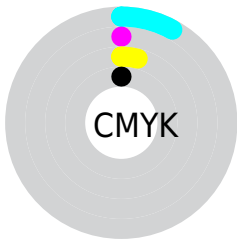
Distribution



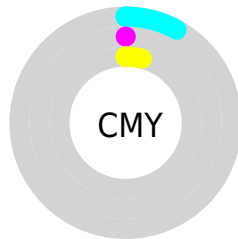
- Red (92%)
- Green (100%)
- Blue (96%)



- Red (92%)
- Yellow (97%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 247, 254 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, 247, 254 by changing the saturation by 10% instead.


 234, 247, 254

255, 255, 255

 234, 247, 254

 206, 218, 225

 178, 190, 197

 151, 163, 170

 126, 138, 144

 100, 112, 118

 76, 87, 93

 54, 64, 70

 32, 41, 47

 10, 21, 27

234, 247, 254

234, 247, 254

209, 238, 254

255, 254, 255

183, 229, 254

158, 220, 254

132, 211, 254

107, 203, 254

82, 194, 254

56, 185, 254

31, 176, 254

5, 167, 254

Harmonies

Analogous

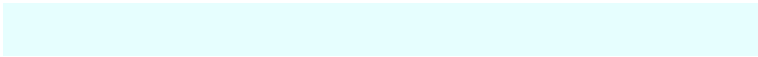
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238, 252, 248



234, 247, 254



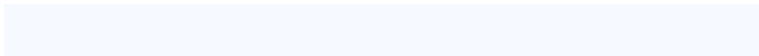
230, 242, 254

Triad

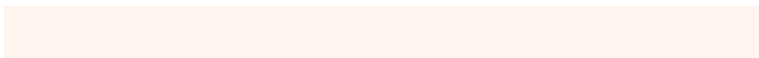
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234, 247, 254



246, 248, 255



255, 250, 238

Complementary

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



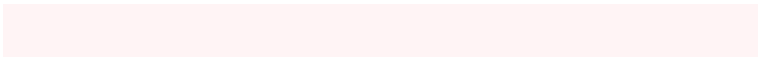
234, 247, 254



254, 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.



255, 244, 245



234, 247, 254



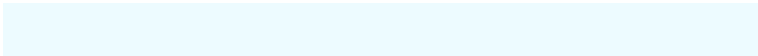
255, 246, 255

Square

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



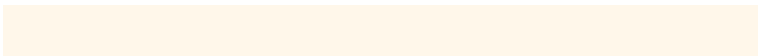
234, 247, 254



237, 245, 255



255, 244, 254



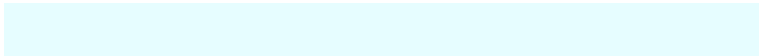
247, 255, 234

Rectangle

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



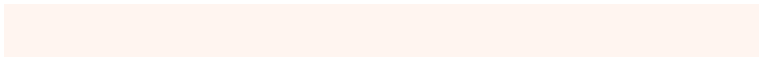
234, 247, 254



230, 242, 255



255, 244, 254



255, 248, 240

Sweetspot

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



234, 247, 254



250, 253, 255



234, 254, 245



125, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 247, 254



232, 247, 255



234, 244, 254



115, 123, 128



0, 124, 191



0, 42, 64

Inverse Universe

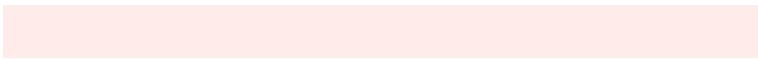
The Inverse Universe completely reimagines the original color for something new.



254, 234, 243



255, 232, 243



254, 235, 234



128, 115, 121



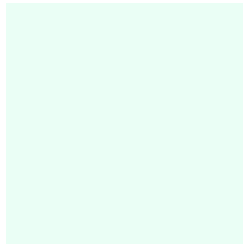
191, 0, 88



64, 0, 29

Previews

White Background



This preview shows how the RYB color 234, 247, 254 looks on a white background.

Color Contrast Check

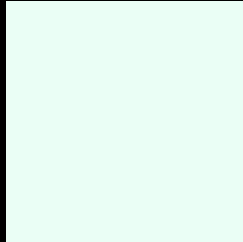
Large Text (above 18pt) WCAG AA × Fail

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, 247, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

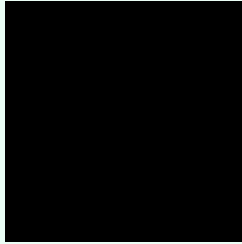
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

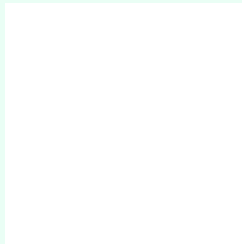
Any Text WCAG AAA ✓ Pass

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

RYB 234, 247, 254 Background



This preview shows how black text looks on a background with the RYB color 234, 247, 254.

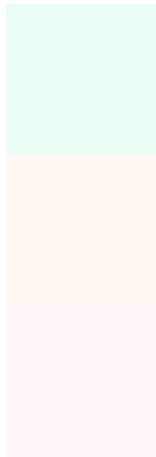


This preview shows how white text looks on a background with the RYB color 234, 247, 254.

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, 247, 254

Protanopia
255, 253, 242

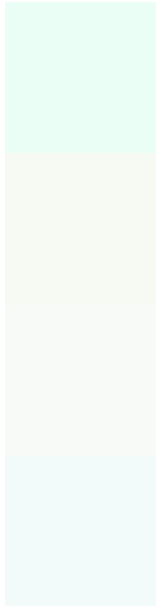
Deuteranopia
255, 247, 249



Tritanopia

246, 248, 255

Trichromacy



Original Color

234, 247, 254

Protanomaly

243, 250, 246

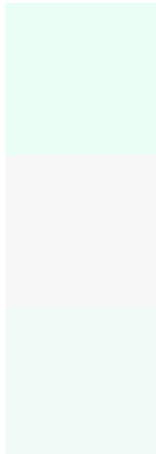
Deuteranomaly

247, 250, 250

Tritanomaly

242, 247, 251

Monochromacy



Original Color

234, 247, 254

Achromatopsia

247, 247, 247

Achromatomaly

242, 247, 250

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 247, 254 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, 254, 245) looks like.

```
.text, #text, p{  
    color:rgb(234, 254, 245)  
}
```

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, 254, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 254, 245) }
```

Border

The CSS property to change the border of an element to RYB 234, 247, 254 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, 254, 245) }
```

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

```
.border{ border-color:rgb(234, 254, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 254, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 254, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 254, 245);  
box-shadow:4px 4px 4px 4px rgb(234, 254,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 234, 247, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 254, 245) }
```

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

```
.background{ background-color: rgb(234,  
254, 245) }
```

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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