

Converting Colors

`RYB(234, 255, 253)`

Have a look what the booklet for
RYB(234, 255, 253) contains.

| | |
|--|----|
| RYB(234, 255, 253) | 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(234, 255, 253)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ECFFEA |
| RGB | 236, 255, 234 |
| RGB Percent | 93%, 100%, 92% |
| CMY | 0.0745, 0.0000, 0.0824 |
| CMYK | 0.07, 0.00, 0.08, 0.00 |
| HSL | 114°, 100%, 96% |
| HSV | 114°, 8%, 100% |
| XYZ | 85.2034, 95.2934, 91.7447 |
| YIQ | 246.9250, -4.5830, -10.5590 |

Conversions

Conversions Part 2

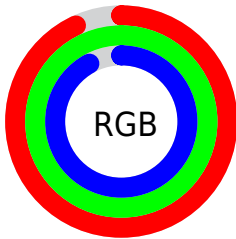
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 234, 255, 253 |
| Decimal | 15532010 |
| CIE Lab | 98.15, -9.92, 7.91 |
| CIE LCh | 98, 12.690, 141.442 |
| Yxy | 95.2934, 0.3130, 0.3500 |
| Android (android.graphics.Color) | 4293722090 (0xFFE0FFEA) |
| YUV | 246.9250, -6.3720, -9.5812 |
| Hunter-Lab | 97.6183, -15.0335, 12.6103 |

Details

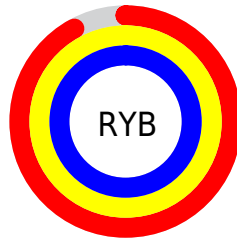
The RYB color **234, 255, 253** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **253, 234, 255**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 198, 196** is the 20% darker color. If you saturate the color by 10%, you get **209, 255, 251**, and if you desaturate by 10%, it is **255, 255, 255**.

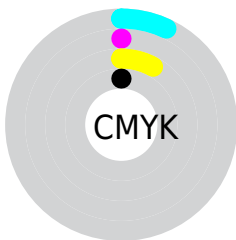
Distribution



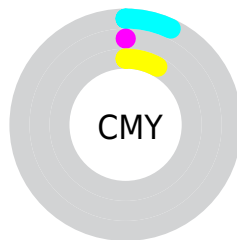
- Red (93%)
- Green (100%)
- Blue (92%)



- Red (92%)
- Yellow (100%)
- Blue (99%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 255, 253 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, 255, 253 by changing the saturation by 10% instead.

 234, 255, 253

255, 255, 255


 234, 255, 253

 206, 226, 224


 178, 198, 196

 152, 171, 170

 126, 144, 143

 101, 119, 118

 77, 94, 93

 54, 70, 69

 33, 48, 48

 10, 27, 24

234, 255, 253

234, 255, 253

209, 255, 251

255, 255, 255

183, 255, 248

157, 255, 245

132, 255, 243

106, 255, 240

81, 255, 238

56, 255, 236

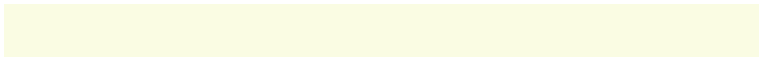
30, 255, 234

5, 255, 232

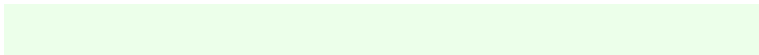
Harmonies

Analogous

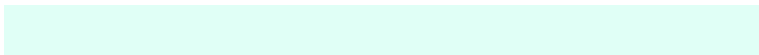
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227, 252, 229



234, 255, 253



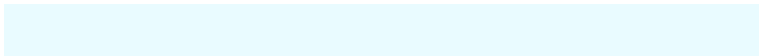
224, 242, 255

Triad

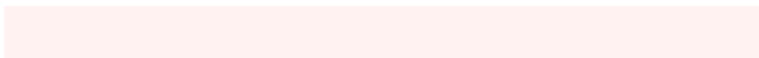
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234, 255, 253



233, 243, 255



255, 242, 241

Complementary

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



234, 255, 253



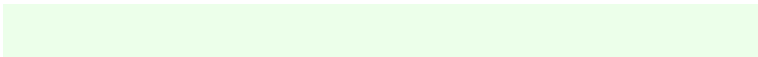
253, 234, 255

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, 242, 254



234, 255, 253



248, 248, 255

Square

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



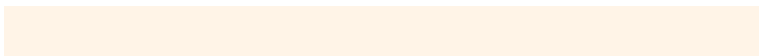
234, 255, 253



222, 239, 255



255, 244, 255



251, 255, 231

Rectangle

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



234, 255, 253



220, 238, 255



255, 244, 255



255, 241, 245

Sweetspot

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



234, 255, 253



250, 255, 255



236, 255, 234



125, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 255, 253



230, 255, 253



234, 249, 255



115, 128, 127



0, 191, 173



0, 64, 58

Inverse Universe

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



253, 234, 255



253, 230, 255



255, 234, 247



126, 115, 128



173, 0, 191



58, 0, 64

Previews

White Background



This preview shows how the RYB color 234, 255, 253 looks on a white background.

Color Contrast Check

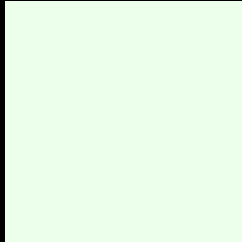
Large Text (above 18pt) WCAG AA × Fail

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, 255, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

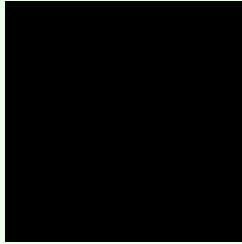
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

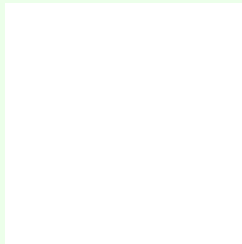
Any Text WCAG AAA ✓ Pass

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

RYB 234, 255, 253 Background



This preview shows how black text looks on a background with the RYB color 234, 255, 253.

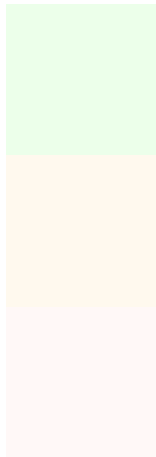


This preview shows how white text looks on a background with the RYB color 234, 255, 253.

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, 255, 253

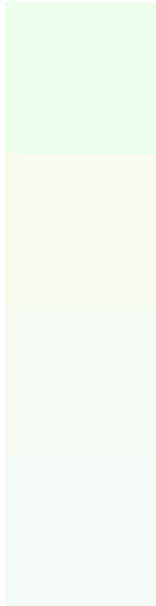
Protanopia
247, 255, 238

Deuteranopia
255, 248, 247

Tritanopia

247, 249, 255

Trichromacy



Original Color

234, 255, 253

Protanomaly

237, 251, 240

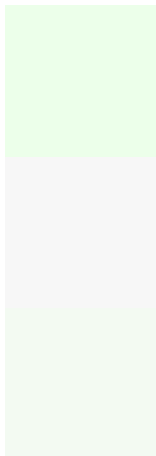
Deuteranomaly

242, 251, 245

Tritanomaly

243, 249, 252

Monochromacy



Original Color

234, 255, 253

Achromatopsia

247, 247, 247

Achromatomaly

242, 250, 249

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 255, 253 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(236, 255, 234) looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 234)  
}
```

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(236, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 234) }
```

Border

The CSS property to change the border of an element to RYB 234, 255, 253 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(236, 255, 234) }
```

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

```
.border{ border-color:rgb(236, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 234, 255, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 234) }
```

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

```
.background{ background-color: rgb(236,  
255, 234) }
```

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