

Converting Colors

`RYB(231, 253, 243)`

Have a look what the booklet for
RYB(231, 253, 243) contains.

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Color

R_YB(231, 253, 243)

Conversions

Conversions Part 1

Format	Color
Hex	F1FDE7
RGB	241, 253, 231
RGB Percent	95%, 99%, 91%
CMY	0.0549, 0.0078, 0.0941
CMYK	0.05, 0.00, 0.09, 0.01
HSL	93°, 85%, 95%
HSV	93°, 9%, 99%
XYZ	85.8247, 94.7209, 89.3608
YIQ	246.9040, -0.0900, -9.3860

Conversions

Conversions Part 2

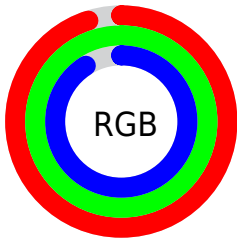
Format	Color
RYB	231, 253, 243
Decimal	15859175
CIELab	97.92, -7.77, 9.17
CIElCh	98, 12.013, 130.278
Yxy	94.7209, 0.3180, 0.3509
Android (android.graphics.Color)	4294049255 (0xFFFF1FDE7)
YUV	246.9040, -7.8407, -5.1778
Hunter-Lab	97.3246, -12.9098, 13.6888

Details

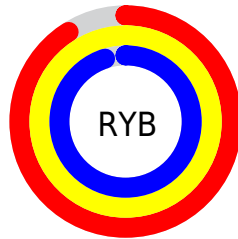
The RYB color **231, 253, 243** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **243, 231, 253**, and the grayscale version is **247, 247, 247**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 196, 186** is the 20% darker color. If you saturate the color by 10%, you get **206, 253, 232**, and if you desaturate by 10%, it is **255, 253, 255**.

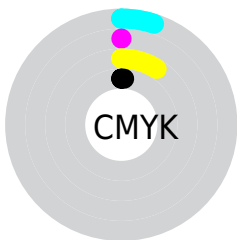
Distribution



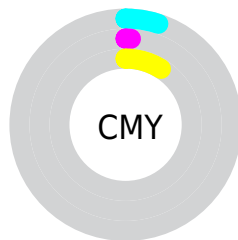
- Red (95%)
- Green (99%)
- Blue (91%)



- Red (91%)
- Yellow (99%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)



- Cyan (5%)
- Magenta (1%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 231, 253, 243 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 231, 253, 243 by changing the saturation by 10% instead.

 231, 253, 243

255, 255, 255


 231, 253, 243

 203, 224, 214

 175, 196, 186


 149, 169, 160

 123, 143, 134

 98, 117, 108

 74, 92, 84

 52, 69, 62

 30, 47, 40

 6, 26, 15

231, 253, 243

231, 253, 243

206, 253, 232

255, 253, 255

180, 253, 220

155, 253, 208

130, 253, 197

104, 253, 185

79, 253, 174

54, 253, 163

29, 253, 151

3, 253, 139

Harmonies

Analogous

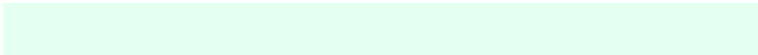
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234, 255, 226



231, 253, 243



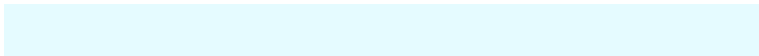
229, 247, 255

Triad

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



231, 253, 243



229, 241, 255



255, 241, 245

Complementary

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



231, 253, 243



243, 231, 253

Split Complementary

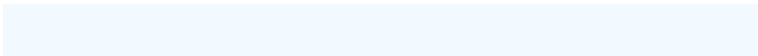
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 242, 255



231, 253, 243



242, 247, 255

Square

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



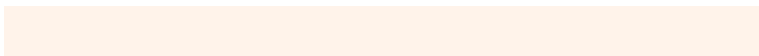
231, 253, 243



221, 238, 255



255, 245, 255



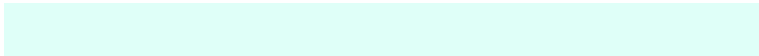
255, 250, 234

Rectangle

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



231, 253, 243



223, 241, 255



255, 245, 255



255, 241, 249

Sweetspot

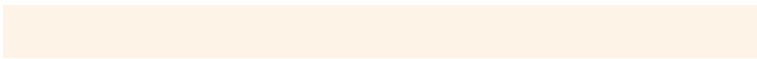
The Sweet Spot groups the original color and five complimentary colors.



231, 253, 243



247, 255, 251



249, 253, 231



122, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

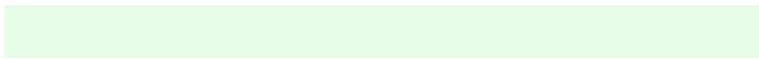
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231, 253, 243



230, 255, 244



231, 252, 253



115, 128, 122



0, 191, 104



0, 64, 35

Inverse Universe

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



243, 231, 253



243, 230, 255



253, 231, 252



122, 115, 128



104, 0, 191



35, 0, 64

Previews

White Background



This preview shows how the RYB color 231, 253, 243 looks on a white background.

Color Contrast Check

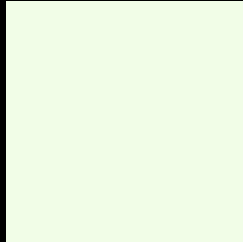
Large Text (above 18pt) WCAG AA × Fail

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 231, 253, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

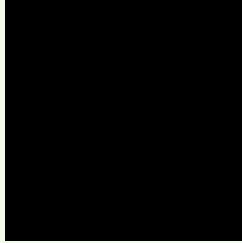
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

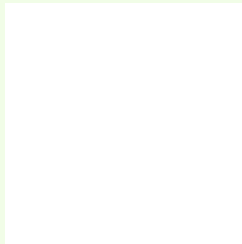
Any Text WCAG AAA ✓ Pass

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

RYB 231, 253, 243 Background



This preview shows how black text looks on a background with the RYB color 231, 253, 243.

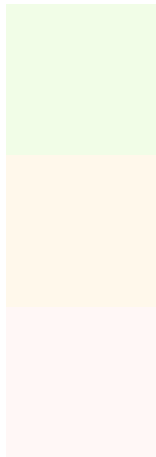


This preview shows how white text looks on a background with the RYB color 231, 253, 243.

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
231, 253, 243

Protanopia
246, 255, 235

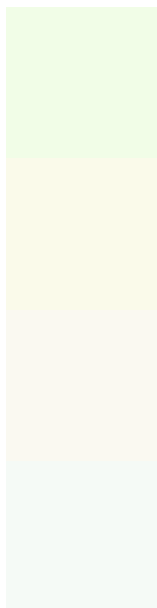
Deuteranopia
255, 247, 246



Tritanopia

248, 248, 255

Trichromacy



Original Color

231, 253, 243

Protanomaly

234, 250, 234

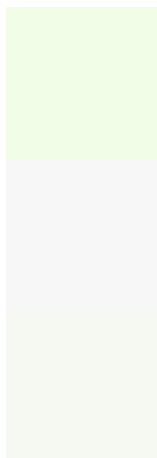
Deuteranomaly

242, 250, 241

Tritanomaly

245, 249, 250

Monochromacy



Original Color

231, 253, 243

Achromatopsia

247, 247, 247

Achromatomaly

241, 249, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 253, 243 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(241, 253, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 253, 231)  
}
```

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(241, 253, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 253, 231) }
```

Border

The CSS property to change the border of an element to RYB 231, 253, 243 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(241, 253, 231) }
```

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

```
.border{ border-color:rgb(241, 253, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 253, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 253, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 253, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 253,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 231, 253, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 253, 231) }
```

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

```
.background{ background-color: rgb(241,  
253, 231) }
```

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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