

Converting Colors

`RYB(223, 255, 231)`

Have a look what the booklet for
RYB(223, 255, 231) contains.

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Color

R_YB(223, 255, 231)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFDF
RGB	247, 255, 223
RGB Percent	97%, 100%, 87%
CMY	0.0314, 0.0000, 0.1255
CMYK	0.03, 0.00, 0.13, 0.00
HSL	75°, 100%, 94%
HSV	75°, 13%, 100%
XYZ	87.4371, 96.6219, 83.8535
YIQ	248.9600, 5.5040, -11.6480

Conversions

Conversions Part 2

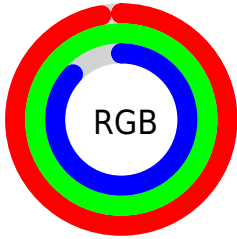
Format	Color
R _Y B	223, 255, 231
Decimal	16252895
CIE Lab	98.68, -8.02, 14.40
CIE LCh	99, 16.483, 119.124
Yxy	96.6219, 0.3264, 0.3606
Android (android.graphics.Color)	4294442975 (0xFF7FFDF)
YUV	248.9600, -12.7983, -1.7189
Hunter-Lab	98.2964, -13.2387, 18.2291

Details

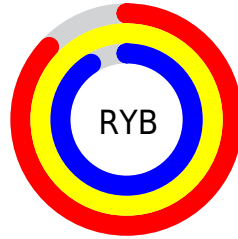
The RYB color **223, 255, 231** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **231, 223, 255**, and the grayscale version is **249, 249, 249**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 198, 175** is the 20% darker color. If you saturate the color by 10%, you get **198, 255, 212**, and if you desaturate by 10%, it is **249, 255, 251**.

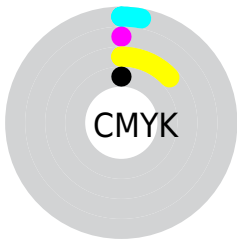
Distribution



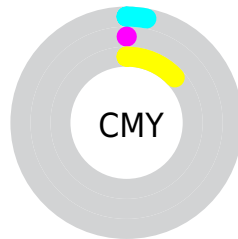
- Red (97%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 255, 231 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 223, 255, 231 by changing the saturation by 10% instead.


 223, 255, 231

255, 255, 255


 223, 255, 231

 195, 226, 203


 168, 198, 175


 141, 171, 149

 116, 145, 124

 91, 119, 98

 67, 94, 74

 45, 71, 53

 24, 48, 31

 0, 27, 5

■ 223, 255, 231

■ 223, 255, 231

■ 198, 255, 212

■ 249, 255, 251

■ 172, 255, 193

255, 255, 255

■ 147, 255, 174

■ 121, 255, 154

■ 96, 255, 136

■ 70, 255, 116

■ 45, 255, 98

■ 19, 255, 78

■ 0, 255, 64

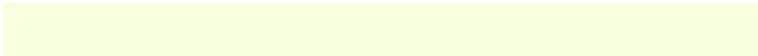
Harmonies

Analogous

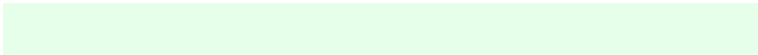
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 255, 219



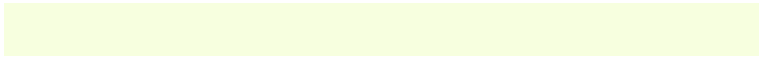
223, 255, 231



229, 251, 255

Triad

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



223, 255, 231



217, 236, 255



255, 240, 252

Complementary

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



223, 255, 231



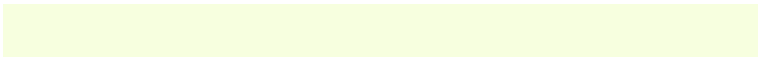
231, 223, 255

Split Complementary

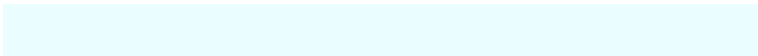
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 243, 255



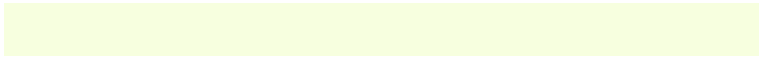
223, 255, 231



234, 244, 255

Square

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



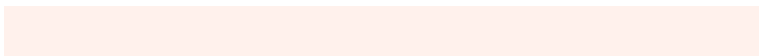
223, 255, 231



210, 233, 255



254, 247, 255



255, 243, 236

Rectangle

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



223, 255, 231



219, 240, 255



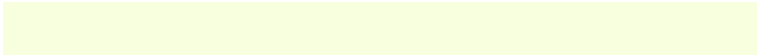
254, 247, 255



255, 241, 255

Sweetspot

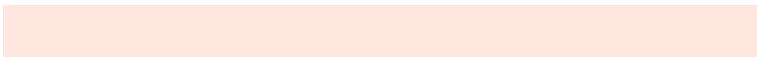
The Sweet Spot groups the original color and five complimentary colors.



223, 255, 231



245, 255, 248



255, 234, 223



121, 128, 123



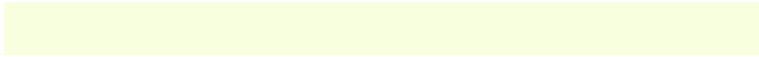
0, 0, 0



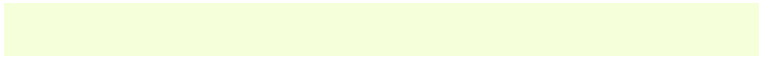
128, 128, 128

Same Dimension

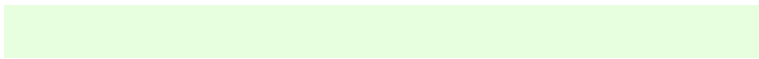
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223, 255, 231



217, 255, 227



223, 255, 247



115, 128, 119



0, 191, 48



0, 64, 16

Inverse Universe

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



231, 223, 255



226, 217, 255



247, 223, 255



118, 115, 128



48, 0, 191



16, 0, 64

Previews

White Background



This preview shows how the RYB color 223, 255, 231 looks on a white background.

Color Contrast Check

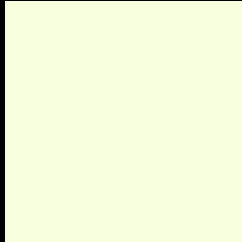
Large Text (above 18pt) WCAG AA × Fail

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 223, 255, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

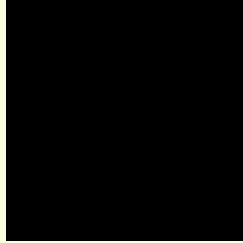
Any Text WCAG AA ✓ Pass

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 223, 255, 231 Background



This preview shows how black text looks on a background with the RYB color 223, 255, 231.



This preview shows how white text looks on a background with the RYB color 223, 255, 231.

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
[223, 255, 231](#)



Protanopia
[247, 255, 241](#)

Deuteranopia
[255, 251, 248](#)

Tritanopia

252, 251, 255

Trichromacy



Original Color

223, 255, 231



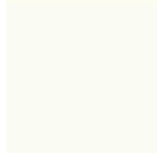
Protanomaly

234, 252, 234



Deuteranomaly

239, 252, 239



Tritanomaly

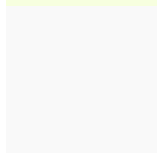
243, 252, 245

Monochromacy



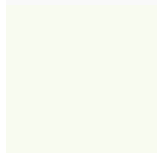
Original Color

223, 255, 231



Achromatopsia

249, 249, 249



Achromatomaly

240, 251, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 255, 231 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(247, 255, 223) looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 223)  
}
```

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(247, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 223) }
```

Border

The CSS property to change the border of an element to RYB 223, 255, 231 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(247, 255, 223) }
```

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

```
.border{ border-color:rgb(247, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 223, 255, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 223) }
```

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

```
.background{ background-color: rgb(247,  
255, 223) }
```

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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