

Converting Colors

`RYB(230, 254, 233)`

Have a look what the booklet for
RYB(230, 254, 233) contains.

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Color

R_YB(230, 254, 233)

Conversions

Conversions Part 1

Format	Color
Hex	FBFEE6
RGB	251, 254, 230
RGB Percent	98%, 100%, 90%
CMY	0.0157, 0.0039, 0.0980
CMYK	0.01, 0.00, 0.09, 0.00
HSL	68°, 92%, 95%
HSV	68°, 9%, 100%
XYZ	89.5084, 97.1060, 88.8887
YIQ	250.3670, 5.9160, -8.1000

Conversions

Conversions Part 2

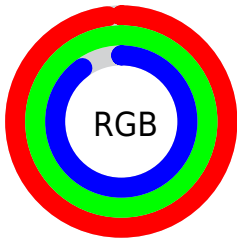
Format	Color
R _Y B	230, 254, 233
Decimal	16514790
CIE Lab	98.87, -5.04, 11.13
CIE LCh	99, 12.217, 114.346
Yxy	97.1060, 0.3249, 0.3525
Android (android.graphics.Color)	4294704870 (0xFFFBFEE6)
YUV	250.3670, -10.0409, 0.5551
Hunter-Lab	98.5424, -10.3134, 15.4980

Details

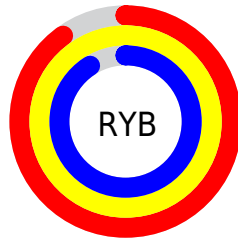
The RYB color **230, 254, 233** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **233, 230, 254**, and the grayscale version is **250, 250, 250**.

A 20% lighter version of the original color is **255, 255, 255**, and **174, 197, 177** is the 20% darker color. If you saturate the color by 10%, you get **205, 254, 211**, and if you desaturate by 10%, it is **254, 254, 255**.

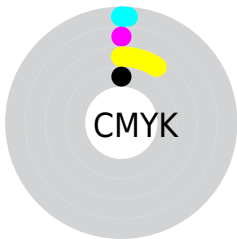
Distribution



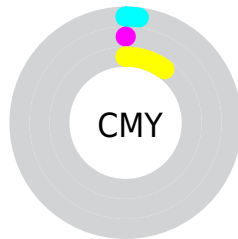
- Red (98%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (91%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 254, 233 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, 254, 233 by changing the saturation by 10% instead.

 230, 254, 233

255, 255, 255


 230, 254, 233

 202, 225, 205


 174, 197, 177


 148, 170, 151

 122, 144, 125

 97, 118, 100

 73, 93, 75

 51, 70, 54

 30, 48, 33

 5, 27, 7

230, 254, 233

230, 254, 233

205, 254, 211

254, 254, 255

179, 254, 188

255, 254, 255

154, 254, 167

128, 254, 144

103, 254, 122

78, 254, 100

52, 254, 77

27, 254, 55

1, 254, 33

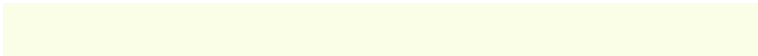
Harmonies

Analogous

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



234, 255, 228



230, 254, 233



237, 254, 255

Triad

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



230, 254, 233



226, 241, 255



255, 244, 254

Complementary

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



230, 254, 233



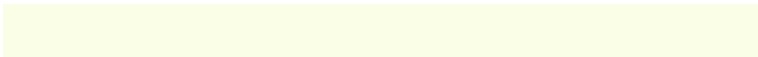
233, 230, 254

Split Complementary

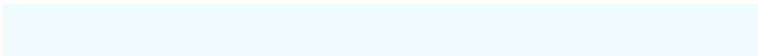
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 246, 255



230, 254, 233



237, 245, 255

Square

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



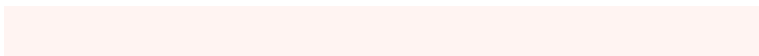
230, 254, 233



222, 239, 255



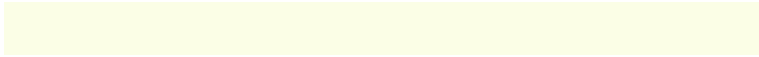
252, 249, 255



255, 244, 242

Rectangle

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



230, 254, 233



230, 246, 255



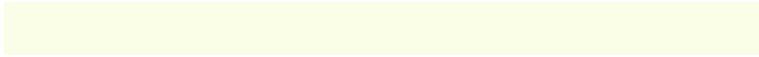
252, 249, 255



255, 244, 255

Sweetspot

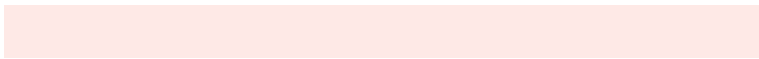
The Sweet Spot groups the original color and five complimentary colors.



230, 254, 233



247, 255, 248



254, 233, 230



122, 128, 123



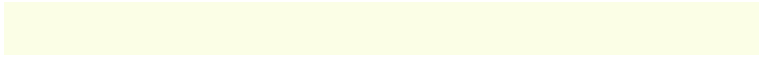
0, 0, 0



128, 128, 128

Same Dimension

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



230, 254, 233



227, 255, 231



230, 254, 245



115, 128, 117



0, 191, 24



0, 64, 8

Inverse Universe

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



233, 230, 254



230, 227, 255



245, 230, 254



116, 115, 128



24, 0, 191



8, 0, 64

Previews

White Background



This preview shows how the RYB color 230, 254, 233 looks on a white background.

Color Contrast Check

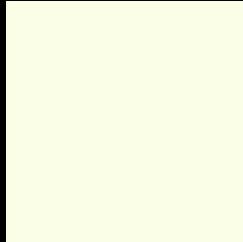
Large Text (above 18pt) WCAG AA × Fail

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, 254, 233 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, 254, 233 Background



This preview shows how black text looks on a background with the RYB color 230, 254, 233.



This preview shows how white text looks on a background with the RYB color 230, 254, 233.

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, 254, 233



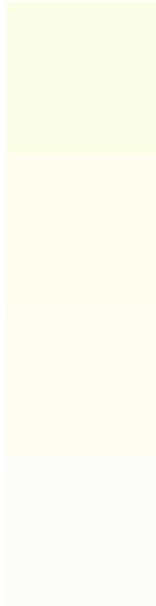
Protanopia
250, 255, 244

Deuteranopia
255, 251, 250

Tritanopia

253, 251, 255

Trichromacy



Original Color

230, 254, 233

Protanomaly

241, 254, 239

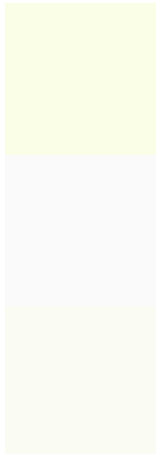
Deuteranomaly

245, 254, 243

Tritanomaly

246, 252, 246

Monochromacy



Original Color

230, 254, 233

Achromatopsia

250, 250, 250

Achromatomaly

243, 251, 244

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 254, 233 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(251, 254, 230) looks like.

```
.text, #text, p{  
    color:rgb(251, 254, 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(251, 254, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 254, 230) }
```

Border

The CSS property to change the border of an element to RYB 230, 254, 233 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(251, 254, 230) }
```

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

```
.border{ border-color:rgb(251, 254, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 254, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 254, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 254, 230);  
box-shadow:4px 4px 4px 4px rgb(251, 254,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 230, 254, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 254, 230) }
```

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

```
.background{ background-color: rgb(251,  
254, 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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