

Converting Colors

`RYB(230, 251, 243)`

Have a look what the booklet for
RYB(230, 251, 243) contains.

RYB(230, 251, 243)	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(230, 251, 243)

Conversions

Conversions Part 1

Format	Color
Hex	EEFB E6
RGB	238, 251, 230
RGB Percent	93%, 98%, 90%
CMY	0.0667, 0.0157, 0.0980
CMYK	0.05, 0.00, 0.08, 0.02
HSL	97°, 72%, 94%
HSV	97°, 8%, 98%
XYZ	84.0400, 92.8847, 88.3621
YIQ	244.7190, -1.0070, -9.2870

Conversions

Conversions Part 2

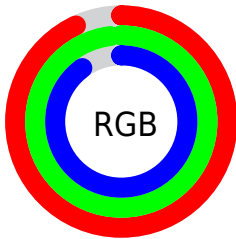
Format	Color
R_{YB}	230, 251, 243
Decimal	15662054
CIE _{Lab}	97.18, -7.95, 8.59
CIE _{LCh}	97, 11.700, 132.778
Yxy	92.8847, 0.3168, 0.3501
Android (android.graphics.Color)	4293852134 (0xFFEEFB _{E6})
YUV	244.7190, -7.2565, -5.8926
Hunter-Lab	96.3767, -13.0081, 13.1042

Details

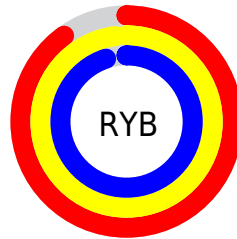
The RYB color **230, 251, 243** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **243, 230, 251**, and the grayscale version is **245, 245, 245**.

A 20% lighter version of the original color is **255, 255, 255**, and **175, 194, 187** is the 20% darker color. If you saturate the color by 10%, you get **205, 251, 234**, and if you desaturate by 10%, it is **254, 251, 255**.

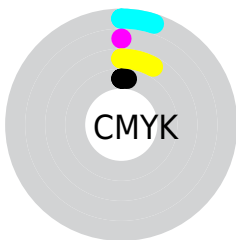
Distribution



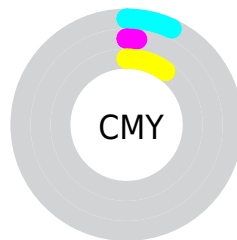
- Red (93%)
- Green (98%)
- Blue (90%)



- Red (90%)
- Yellow (98%)
- Blue (95%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (7%)
- Magenta (2%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 251, 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 230, 251, 243 by changing the saturation by 10% instead.

 230, 251, 243

255, 255, 255


 230, 251, 243

 202, 222, 214


 175, 194, 187

 148, 167, 160

 122, 141, 134

 97, 115, 108

 73, 91, 84

 51, 67, 61

 30, 45, 40

 5, 25, 15

 230, 251, 243

 230, 251, 243

 205, 251, 234

 254, 251, 255

 180, 251, 224

 255, 251, 255

 155, 251, 215

 130, 251, 205

 105, 251, 196

 79, 251, 185

 54, 251, 176

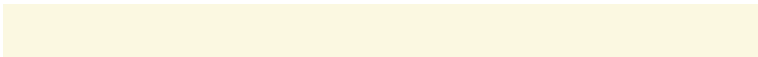
 29, 251, 166

 4, 251, 157

Harmonies

Analogous

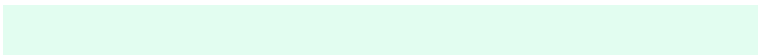
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 251, 225



230, 251, 243



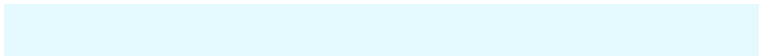
226, 244, 253

Triad

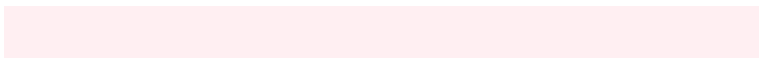
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 251, 243



228, 240, 255



255, 239, 242

Complementary

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



230, 251, 243



243, 230, 251

Split Complementary

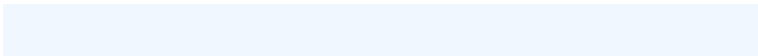
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 240, 254



230, 251, 243



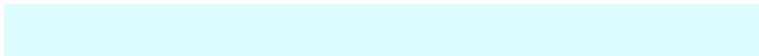
241, 245, 255

Square

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



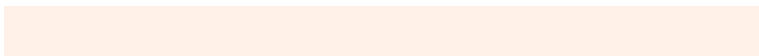
230, 251, 243



220, 237, 255



255, 243, 255



255, 247, 232

Rectangle

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



230, 251, 243



221, 239, 254



255, 243, 255



255, 239, 246

Sweetspot

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



230, 251, 243



247, 255, 252



243, 251, 230



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

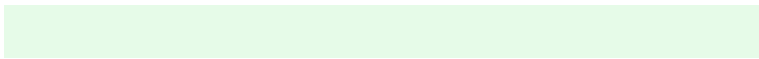
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 251, 243



230, 255, 246



230, 249, 251



112, 125, 120



0, 189, 117



0, 61, 38

Inverse Universe

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



243, 230, 251



245, 230, 255



251, 230, 249



120, 112, 125



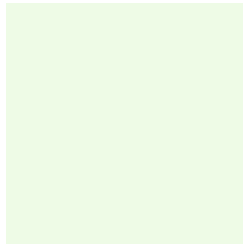
117, 0, 189



38, 0, 61

Previews

White Background



This preview shows how the RYB color 230, 251, 243 looks on a white background.

Color Contrast Check

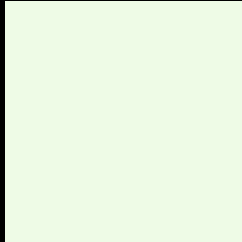
Large Text (above 18pt) WCAG AA × Fail

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 230, 251, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

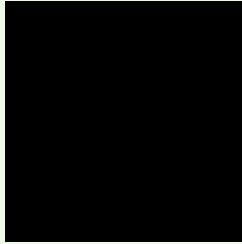
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

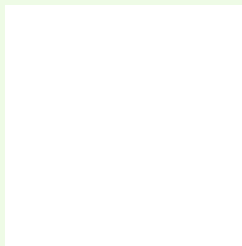
Any Text WCAG AAA ✓ Pass

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

RYB 230, 251, 243 Background



This preview shows how black text looks on a background with the RYB color 230, 251, 243.



This preview shows how white text looks on a background with the RYB color 230, 251, 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

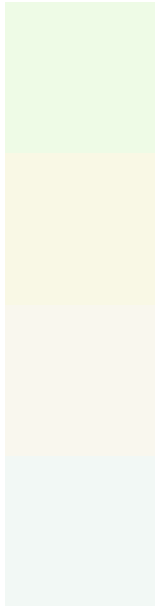
	Original Color 230, 251, 243
	Protanopia 243, 255, 229
	Deuteranopia 255, 244, 243



Tritanopia

245, 246, 255

Trichromacy



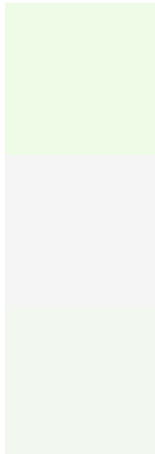
Original Color
230, 251, 243

Protanomaly
230, 249, 229

Deuteranomaly
240, 249, 238

Tritanomaly
242, 246, 248

Monochromacy



Original Color
230, 251, 243

Achromatopsia
245, 245, 245

Achromatomaly
240, 247, 245

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 251, 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(238, 251, 230) looks like.

```
.text, #text, p{  
    color:rgb(238, 251, 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(238, 251, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 251, 230) }
```

Border

The CSS property to change the border of an element to RYB 230, 251, 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(238, 251, 230) }
```

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

```
.border{ border-color:rgb(238, 251, 230) }
```

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

Here you see how a box with a 4 pixel rgb(238, 251, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 251, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 251, 230);  
box-shadow:4px 4px 4px 4px rgb(238, 251,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 230, 251, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 251, 230) }
```

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

```
.background{ background-color: rgb(238,  
251, 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](#).

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