

Converting Colors

`RYB(230, 245, 245)`

Have a look what the booklet for RYB(230, 245, 245) contains.

RYB(230, 245, 245)	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, 245, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E6F5E6
RGB	230, 245, 230
RGB Percent	90%, 96%, 90%
CMY	0.0980, 0.0392, 0.0980
CMYK	0.06, 0.00, 0.06, 0.04
HSL	120°, 43%, 93%
HSV	120°, 6%, 96%
XYZ	79.5685, 87.8410, 87.6242
YIQ	238.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

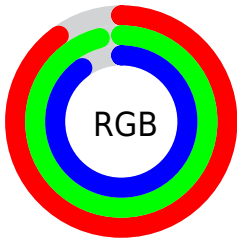
Format	Color
R _Y B	230, 245, 245
Decimal	15136230
CIE Lab	95.09, -7.62, 5.51
CIE LCh	95, 9.402, 144.120
Yxy	87.8410, 0.3120, 0.3444
Android (android.graphics.Color)	4293326310 (0xFFE6F5E6)
YUV	238.8050, -4.3409, -7.7220
Hunter-Lab	93.7235, -12.4750, 10.1749

Details

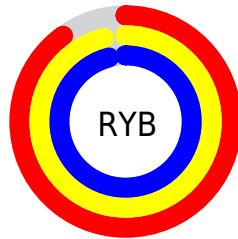
The RYB color `230, 245, 245` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `245, 230, 245`, and the grayscale version is `239, 239, 239`.

A 20% lighter version of the original color is `255, 255, 255`, and `174, 188, 189` is the 20% darker color. If you saturate the color by 10%, you get `206, 245, 245`, and if you desaturate by 10%, it is `255, 245, 255`.

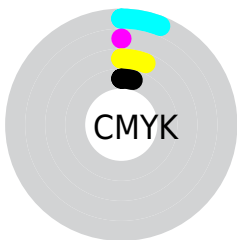
Distribution



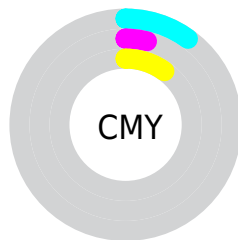
- Red (90%)
- Green (96%)
- Blue (90%)



- Red (90%)
- Yellow (96%)
- Blue (96%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 245, 245 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, 245, 245 by changing the saturation by 10% instead.

 230, 245, 245

255, 255, 255


 230, 245, 245

 202, 217, 217


 174, 188, 189

 148, 162, 162

 122, 136, 136

 97, 110, 110

 73, 85, 86

 51, 63, 63

 29, 40, 41


 5, 21, 21

 230, 245, 245

 230, 245, 245

 206, 245, 245

 255, 245, 255

 181, 245, 245

 157, 245, 245

 132, 245, 245

 108, 245, 245

 83, 245, 245

 59, 245, 245

 34, 245, 245

 10, 245, 245

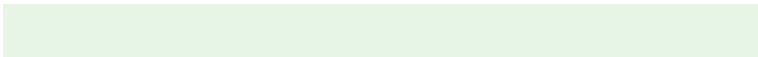
Harmonies

Analogous

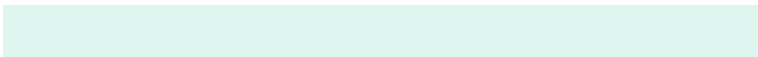
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224, 243, 227



230, 245, 245



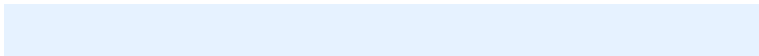
222, 236, 246

Triad

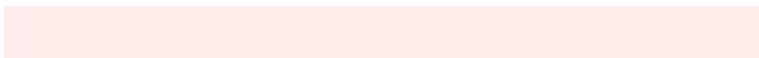
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230, 245, 245



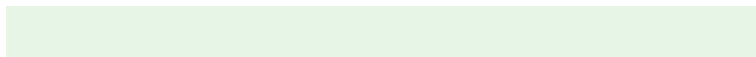
230, 238, 255



255, 235, 234

Complementary

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



230, 245, 245



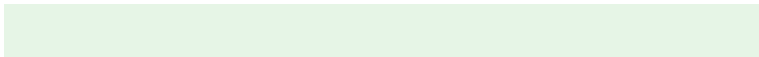
245, 230, 245

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, 235, 243



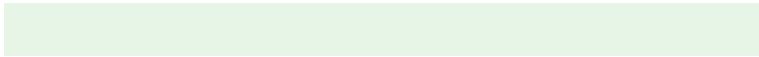
230, 245, 245



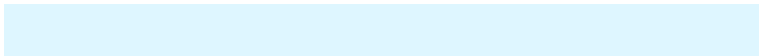
241, 239, 255

Square

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



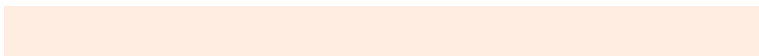
230, 245, 245



222, 236, 255



251, 236, 252



255, 244, 226

Rectangle

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



230, 245, 245



219, 233, 246



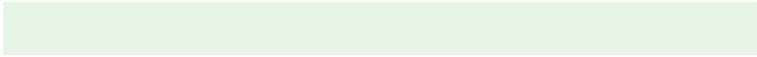
251, 236, 252



255, 235, 237

Sweetspot

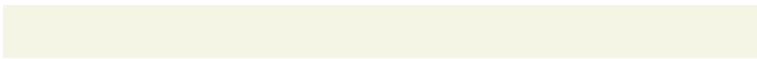
The Sweet Spot groups the original color and five complimentary colors.



230, 245, 245



250, 255, 255



230, 245, 230



125, 128, 128



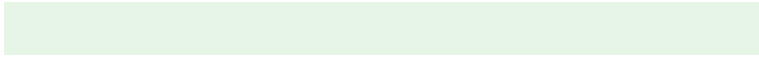
0, 0, 0



128, 128, 128

Same Dimension

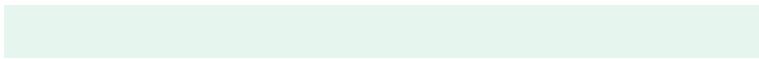
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230, 245, 245



237, 255, 255



230, 240, 245



113, 122, 122



0, 186, 186



0, 59, 59

Inverse Universe

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



245, 230, 245



255, 237, 255



245, 230, 238



122, 113, 122



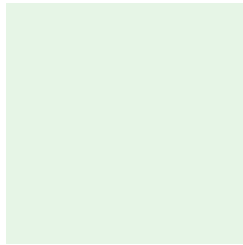
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RYB color 230, 245, 245 looks on a white background.

Color Contrast Check

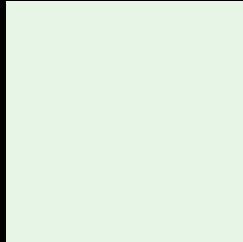
Large Text (above 18pt) WCAG AA × Fail

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, 245, 245 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

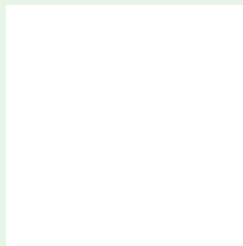
Any Text WCAG AAA ✓ Pass

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

RYB 230, 245, 245 Background



This preview shows how black text looks on a background with the RYB color 230, 245, 245.



This preview shows how white text looks on a background with the RYB color 230, 245, 245.

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

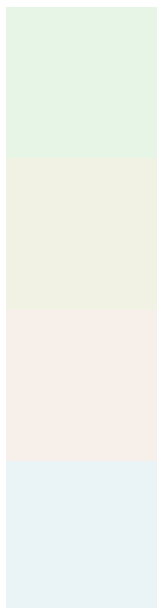




Tritanopia

236, 240, 255

Trichromacy



Original Color

230, 245, 245

Protanomaly

228, 242, 229

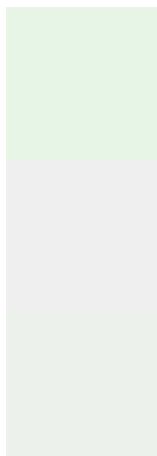
Deuteranomaly

246, 243, 234

Tritanomaly

234, 239, 246

Monochromacy



Original Color

230, 245, 245

Achromatopsia

239, 239, 239

Achromatomaly

236, 241, 241

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 245, 245 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(230, 245, 230)` looks like.

```
.text, #text, p{  
    color:rgb(230, 245, 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(230, 245, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 245, 230) }
```

Border

The CSS property to change the border of an element to RYB 230, 245, 245 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(230, 245, 230) }
```

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

```
.border{ border-color:rgb(230, 245, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 245, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 245, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 245, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 245,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 230, 245, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 245, 230) }
```

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

```
.background{ background-color: rgb(230,  
245, 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