

Converting Colors

`RYB(226, 245, 245)`

Have a look what the booklet for
RYB(226, 245, 245) contains.

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Color

R_YB(226, 245, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E2F5E2
RGB	226, 245, 226
RGB Percent	89%, 96%, 89%
CMY	0.1137, 0.0392, 0.1137
CMYK	0.08, 0.00, 0.08, 0.04
HSL	120°, 49%, 92%
HSV	120°, 8%, 96%
XYZ	77.7439, 86.9646, 84.6398
YIQ	237.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

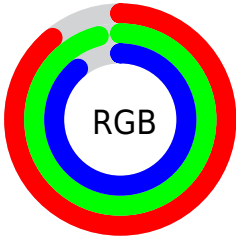
Format	Color
R _Y B	226, 245, 245
Decimal	14874082
CIE Lab	94.72, -9.65, 7.01
CIE LCh	95, 11.926, 144.013
Yxy	86.9646, 0.3118, 0.3488
Android (android.graphics.Color)	4293064162 (0xFFE2F5E2)
YUV	237.1530, -5.4984, -9.7812
Hunter-Lab	93.2548, -14.3854, 11.4656

Details

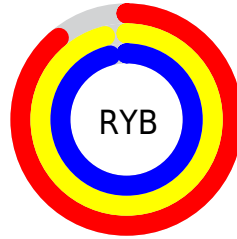
The RYB color `226, 245, 245` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `245, 226, 245`, and the grayscale version is `237, 237, 237`.

A 20% lighter version of the original color is `255, 255, 255`, and `171, 189, 189` is the 20% darker color. If you saturate the color by 10%, you get `202, 245, 245`, and if you desaturate by 10%, it is `250, 245, 250`.

Distribution



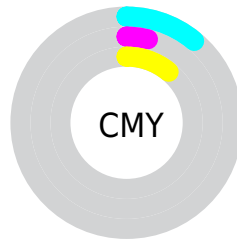
- Red (89%)
- Green (96%)
- Blue (89%)



- Red (89%)
- Yellow (96%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 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 226, 245, 245 by changing the saturation by 10% instead.


 226, 245, 245


255, 255, 255


 226, 245, 245

 198, 217, 217

 171, 189, 189

 144, 162, 162

 118, 134, 135

 94, 110, 110

 70, 86, 86

 47, 62, 63

 26, 40, 41

 0, 21, 21

 226, 245, 245

 226, 245, 245

 202, 245, 245

 250, 245, 250

 177, 245, 245

 255, 245, 255

 153, 245, 245

 128, 245, 245

 103, 245, 245

 79, 245, 245

 54, 245, 245

 30, 245, 245

 5, 245, 245

Harmonies

Analogous

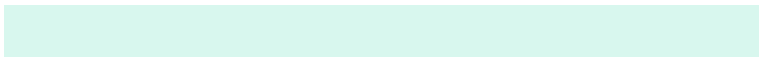
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219, 242, 222



226, 245, 245



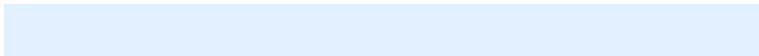
216, 234, 247

Triad

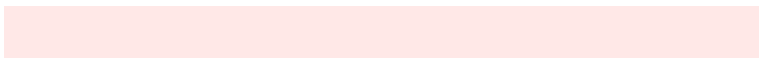
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 245, 245



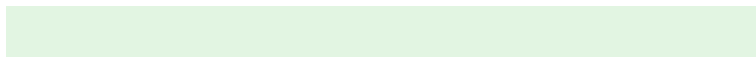
225, 235, 255



255, 232, 231

Complementary

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



226, 245, 245



245, 226, 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, 232, 243



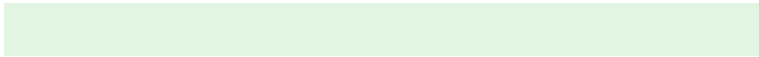
226, 245, 245



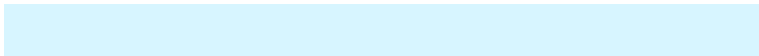
239, 238, 255

Square

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



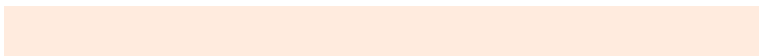
226, 245, 245



215, 232, 255



253, 234, 253



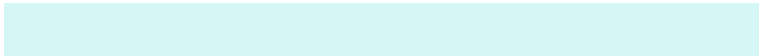
255, 243, 222

Rectangle

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



226, 245, 245



212, 230, 247



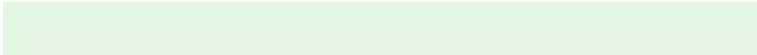
253, 234, 253



255, 232, 235

Sweetspot

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



226, 245, 245



250, 255, 255



226, 245, 226



125, 128, 128



0, 0, 0



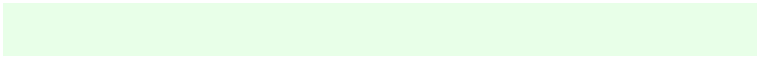
128, 128, 128

Same Dimension

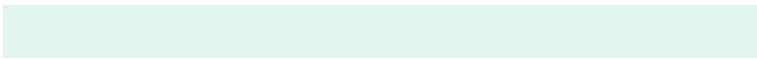
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226, 245, 245



232, 255, 255



226, 238, 245



110, 122, 122



0, 186, 186



0, 59, 59

Inverse Universe

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



245, 226, 245



255, 232, 255



245, 226, 236



122, 110, 122



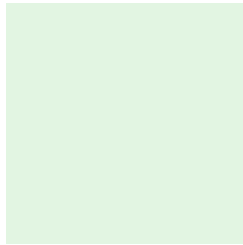
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RYB color 226, 245, 245 looks on a white background.

Color Contrast Check

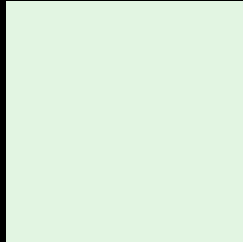
Large Text (above 18pt) WCAG AA × Fail

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 226, 245, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

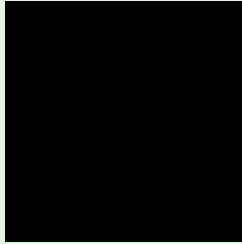
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

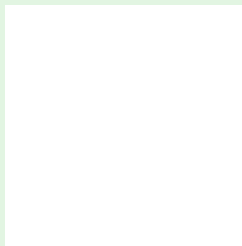
Any Text WCAG AAA ✓ Pass

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

RYB 226, 245, 245 Background



This preview shows how black text looks on a background with the RYB color 226, 245, 245.



This preview shows how white text looks on a background with the RYB color 226, 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](#).

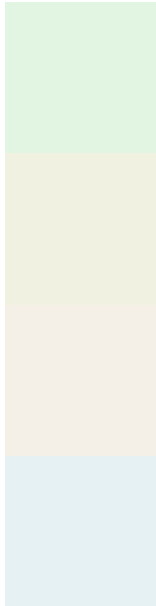
Dichromacy





Tritanopia
233, 238, 255

Trichromacy



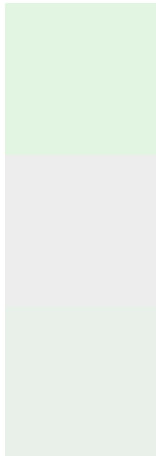
Original Color
226, 245, 245

Protanomaly
224, 241, 225

Deuteranomaly
239, 244, 231

Tritanomaly
230, 236, 244

Monochromacy



Original Color
226, 245, 245

Achromatopsia
237, 237, 237

Achromatomaly
233, 240, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 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(226, 245, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 245, 226)  
}
```

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(226, 245, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 245, 226) }
```

Border

The CSS property to change the border of an element to RYB 226, 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(226, 245, 226) }
```

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

```
.border{ border-color:rgb(226, 245, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 245, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 245, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 245, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 245,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 226, 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(226, 245, 226) }
```

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

```
.background{ background-color: rgb(226,  
245, 226) }
```

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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