

Converting Colors

`RYB(226, 235, 235)`

Have a look what the booklet for
RYB(226, 235, 235) contains.

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Color

R_YB(226, 235, 235)

Conversions

Conversions Part 1

Format	Color
Hex	E2EBE2
RGB	226, 235, 226
RGB Percent	89%, 92%, 89%
CMY	0.1137, 0.0784, 0.1137
CMYK	0.04, 0.00, 0.04, 0.08
HSL	120°, 18%, 90%
HSV	120°, 4%, 92%
XYZ	74.7998, 81.0764, 83.6584
YIQ	231.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

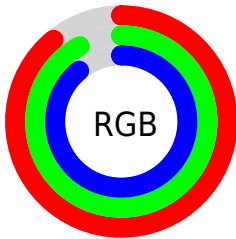
Format	Color
R _Y B	226, 235, 235
Decimal	14871522
CIE Lab	92.17, -4.60, 3.31
CIE LCh	92, 5.672, 144.277
Yxy	81.0764, 0.3123, 0.3385
Android (android.graphics.Color)	4293061602 (0xFFE2EBE2)
YUV	231.2830, -2.6045, -4.6332
Hunter-Lab	90.0424, -9.2912, 7.9434

Details

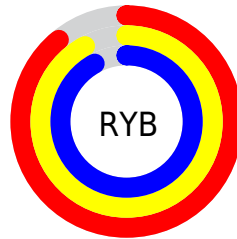
The RYB color **226, 235, 235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235, 226, 235**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **171, 179, 179** is the 20% darker color. If you saturate the color by 10%, you get **203, 235, 235**, and if you desaturate by 10%, it is **249, 235, 249**.

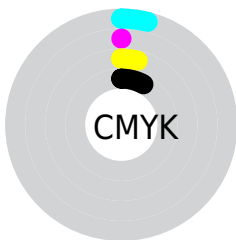
Distribution



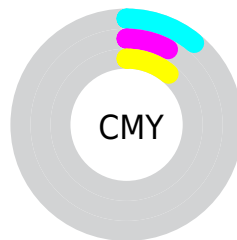
- Red (89%)
- Green (92%)
- Blue (89%)



- Red (89%)
- Yellow (92%)
- Blue (92%)



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



- Cyan (11%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 226, 235, 235 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, 235, 235 by changing the saturation by 10% instead.

■ 226, 235, 235

255, 255, 255

■ 226, 235, 235

■ 198, 207, 207

■ 171, 179, 179

■ 144, 153, 153

■ 119, 127, 127

■ 94, 102, 102

■ 70, 78, 78

■ 48, 55, 55

■ 27, 34, 34

■ 0, 11, 11

 226, 235, 235

 226, 235, 235

 203, 235, 235

 249, 235, 249

 179, 235, 235

 255, 235, 255

 155, 235, 235

 132, 235, 235

 109, 235, 235

 85, 235, 235

 61, 235, 235

 38, 235, 235

 14, 235, 235

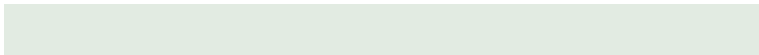
Harmonies

Analogous

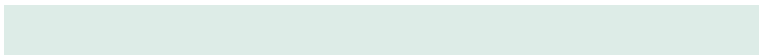
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 234, 225



226, 235, 235



221, 230, 236

Triad

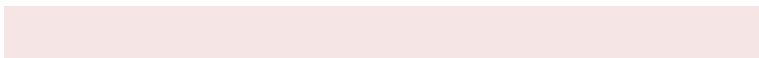
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 235, 235



226, 231, 243



245, 229, 228

Complementary

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



226, 235, 235



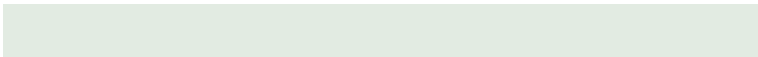
235, 226, 235

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.



243, 229, 234



226, 235, 235



232, 231, 242

Square

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



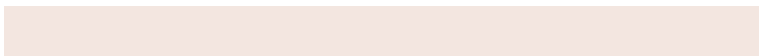
226, 235, 235



221, 229, 241



239, 230, 239



243, 233, 224

Rectangle

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



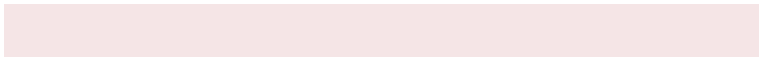
226, 235, 235



220, 228, 236



239, 230, 239



245, 229, 230

Sweetspot

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



226, 235, 235



252, 255, 255



226, 235, 226



126, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 235, 235



242, 255, 255



226, 232, 235



110, 117, 117



0, 181, 181



0, 54, 54

Inverse Universe

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



235, 226, 235



255, 242, 255



235, 226, 231



117, 110, 117



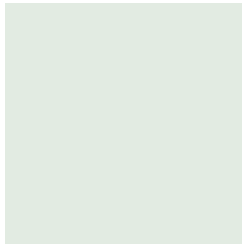
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RYB color 226, 235, 235 looks on a white background.

Color Contrast Check

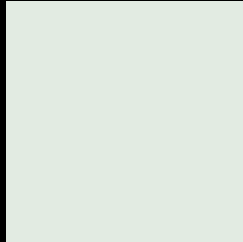
Large Text (above 18pt) WCAG AA × Fail

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, 235, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

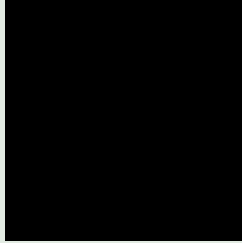
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

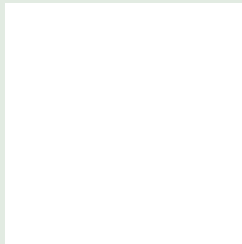
Any Text WCAG AAA ✓ Pass

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

RYB 226, 235, 235 Background



This preview shows how black text looks on a background with the RYB color 226, 235, 235.




This preview shows how white text looks on a background with the RYB color 226, 235, 235.

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](#).

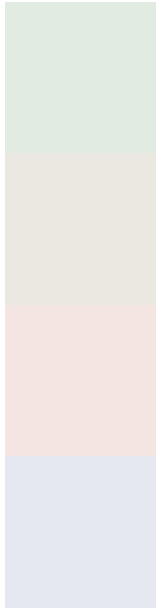
Dichromacy





Tritanopia
230, 231, 250

Trichromacy



Original Color

226, 235, 235

Protanomaly

228, 234, 225

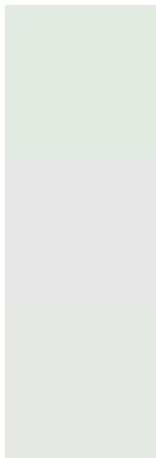
Deuteranomaly

244, 229, 227

Tritanomaly

229, 231, 241

Monochromacy



Original Color

226, 235, 235

Achromatopsia

231, 231, 231

Achromatomaly

229, 232, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 226, 235, 235 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, 235, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 235, 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, 235, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 235, 226) }
```

Border

The CSS property to change the border of an element to RYB 226, 235, 235 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, 235, 226) }
```

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

```
.border{ border-color:rgb(226, 235, 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, 235, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 235, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 235, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 235,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 226, 235, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 235, 226) }
```

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

```
.background{ background-color: rgb(226,  
235, 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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