

Converting Colors

RGB(234, 235, 255)

Have a look what the booklet for
RGB(234, 235, 255) contains.

RGB(234, 235, 255)	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

RGB(234, 235, 255)

Conversions

Conversions Part 1

Format	Color
Hex	EAEBFF
RGB	234, 235, 255
RGB Percent	92%, 92%, 100%
CMY	0.0824, 0.0784, 0.0000
CMYK	0.08, 0.08, 0.00, 0.00
HSL	237°, 100%, 96%
HSV	237°, 8%, 100%
XYZ	81.6900, 84.1291, 106.5408
YIQ	236.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

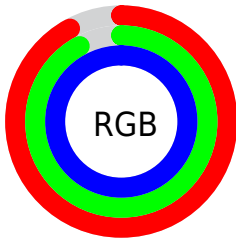
Format	Color
R _Y B	234, 235, 255
Decimal	15395839
CIE Lab	93.51, 3.38, -9.75
CIE LCh	94, 10.319, 289.095
Yxy	84.1291, 0.2999, 0.3089
Android (android.graphics.Color)	4293585919 (0xFFEAEBFF)
YUV	236.9810, 8.8834, -2.6143
Hunter-Lab	91.7219, -1.5364, -4.6637

Details

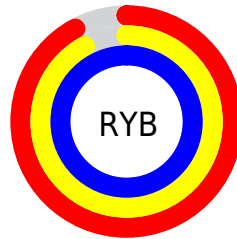
The RGB color **234, 235, 255** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **255, 254, 234**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 179, 198** is the 20% darker color. If you saturate the color by 10%, you get **209, 211, 255**, and if you desaturate by 10%, it is **255, 255, 255**.

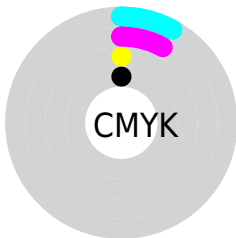
Distribution



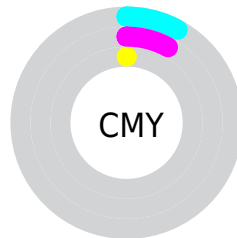
- Red (92%)
- Green (92%)
- Blue (100%)



- Red (92%)
- Yellow (92%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 235, 255 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 RGB color 234, 235, 255 by changing the saturation by 10% instead.

■ 234, 235, 255

255, 255, 255

■ 234, 235, 255

■ 206, 207, 226

■ 178, 179, 198

■ 151, 153, 171

■ 126, 127, 144

■ 100, 102, 119

■ 76, 78, 94

■ 54, 55, 70

■ 32, 34, 48

■ 10, 11, 27

234, 235, 255

234, 235, 255

209, 211, 255

255, 255, 255

183, 186, 255

157, 162, 255

132, 138, 255

106, 114, 255

81, 89, 255

56, 65, 255

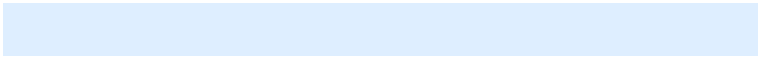
30, 41, 255

5, 16, 255

Harmonies

Analogous

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



222, 238, 255



234, 235, 255



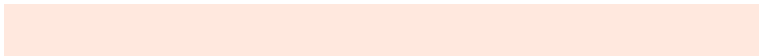
246, 232, 249

Triad

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



234, 235, 255



255, 232, 222



217, 242, 232

Complementary

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



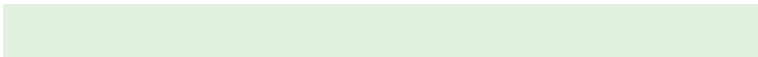
234, 235, 255



255, 254, 234

Split Complementary

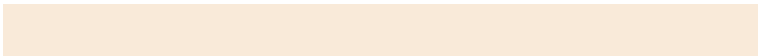
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226, 240, 223



234, 235, 255



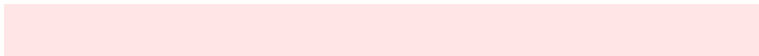
249, 234, 217

Square

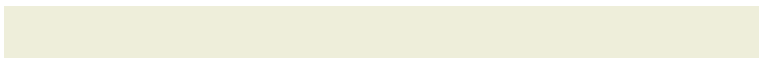
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



234, 235, 255



255, 230, 230



238, 238, 218



212, 242, 242

Rectangle

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



234, 235, 255



252, 230, 244



238, 238, 218



219, 242, 229

Sweetspot

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



234, 235, 255



250, 250, 255



234, 255, 254



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 235, 255



230, 231, 255



243, 234, 255



115, 115, 128



0, 9, 191



0, 3, 64

Inverse Universe

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



255, 234, 235



255, 230, 231



246, 255, 234



128, 115, 115



191, 0, 9



64, 0, 3

Previews

White Background



This preview shows how the RGB color 234, 235, 255 looks on a white background.

Color Contrast Check

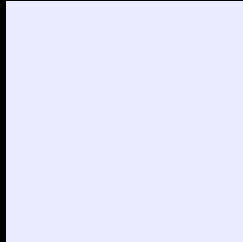
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 234, 235, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

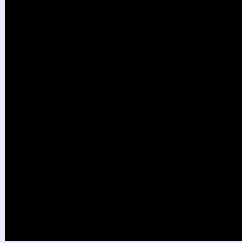
Any Text WCAG AA ✓ Pass

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](#).

RGB 234, 235, 255 Background



This preview shows how black text looks on a background with the RGB color 234, 235, 255.



This preview shows how white text looks on a background with the RGB color 234, 235, 255.

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
234, 235, 255

Protanopia
235, 235, 255

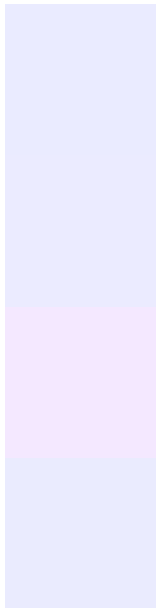
Deuteranopia
249, 230, 255



Tritanopia

234, 235, 254

Trichromacy



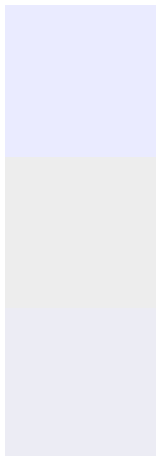
Original Color
234, 235, 255

Protanomaly
235, 235, 255

Deuteranomaly
244, 232, 255

Tritanomaly
234, 235, 254

Monochromacy



Original Color
234, 235, 255

Achromatopsia
237, 237, 237

Achromatomaly
236, 236, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 235, 255 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(234, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 235, 255)  
}
```

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(234, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 235, 255) }
```

Border

The CSS property to change the border of an element to RGB 234, 235, 255 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(234, 235, 255) }
```

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

```
.border{ border-color:rgb(234, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 235,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 234, 235, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 235, 255) }
```

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

```
.background{ background-color: rgb(234,  
235, 255) }
```

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