

Converting Colors

`RYB(223, 225, 235)`

Have a look what the booklet for RYB(223, 225, 235) contains.

RYB(223, 225, 235)	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(223, 225, 235)

Conversions

Conversions Part 1

Format	Color
Hex	DFE1EB
RGB	223, 225, 235
RGB Percent	87%, 88%, 92%
CMY	0.1255, 0.1161, 0.0784
CMYK	0.05, 0.04, 0.00, 0.08
HSL	228°, 23%, 90%
HSV	228°, 5%, 92%
XYZ	72.4603, 75.7531, 89.4000
YIQ	225.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

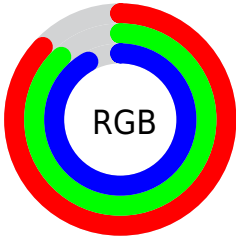
Format	Color
R _Y B	223, 225, 235
Decimal	14672363
CIE Lab	89.74, 0.97, -4.96
CIE LCh	90, 5.054, 281.031
Yxy	75.7531, 0.3050, 0.3188
Android (android.graphics.Color)	4292862443 (0xFFDFE1EB)
YUV	225.5420, 4.6628, -2.2293
Hunter-Lab	87.0363, -3.7068, 0.0252

Details

The RYB color **223, 225, 235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **225, 235, 223**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 170, 179** is the 20% darker color. If you saturate the color by 10%, you get **200, 206, 235**, and if you desaturate by 10%, it is **239, 247, 235**.

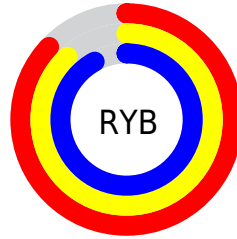
Distribution



Red (87%)

Green (88%)

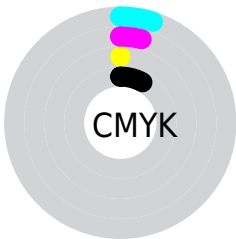
Blue (92%)



Red (87%)

Yellow (88%)

Blue (92%)

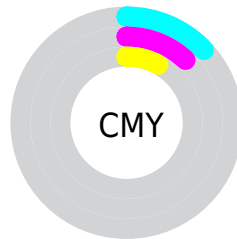


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (13%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 225, 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 223, 225, 235 by changing the saturation by 10% instead.

■ 223, 225, 235

255, 255, 255

■ 223, 225, 235

■ 195, 197, 207

■ 168, 170, 179

■ 141, 143, 153

■ 116, 118, 127

■ 91, 93, 102

■ 68, 70, 78

■ 46, 48, 55

■ 25, 27, 34


■ 0, 0, 11

 223, 225, 235

 223, 225, 235


 200, 206, 235

 239, 247, 235


 176, 186, 235

 235, 255, 235

 153, 166, 235

 129, 147, 235

 106, 127, 235

 82, 108, 235

 58, 88, 235

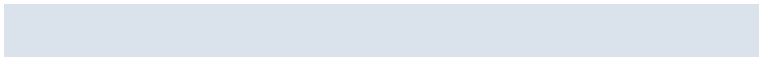
 35, 68, 235

 12, 49, 235

Harmonies

Analogous

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



218, 224, 235



223, 225, 235



229, 224, 233

Triad

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



223, 225, 235



236, 224, 219



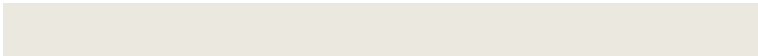
217, 225, 228

Complementary

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



223, 225, 235



225, 235, 223

Split Complementary

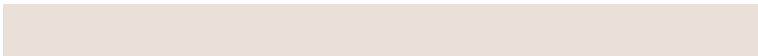
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



218, 227, 223



223, 225, 235



233, 229, 217

Square

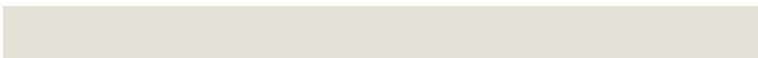
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223, 225, 235



236, 222, 224



218, 228, 216



214, 222, 229

Rectangle

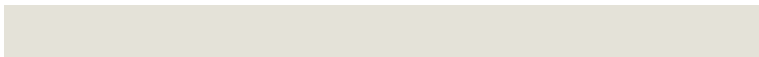
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223, 225, 235



232, 223, 230



218, 228, 216



219, 226, 228

Sweetspot

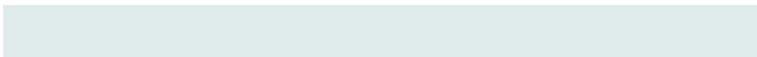
The Sweet Spot groups the original color and five complimentary colors.



223, 225, 235



250, 251, 255



223, 230, 235



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 225, 235



240, 243, 255



227, 223, 235



109, 111, 117



0, 30, 181



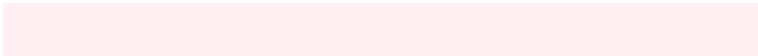
0, 9, 54

Inverse Universe

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



235, 223, 225



255, 240, 243



223, 235, 227



117, 109, 111



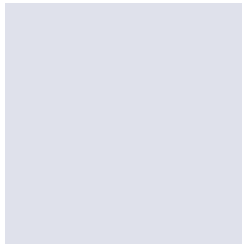
181, 0, 36



54, 0, 11

Previews

White Background



This preview shows how the RYB color 223, 225, 235 looks on a white background.

Color Contrast Check

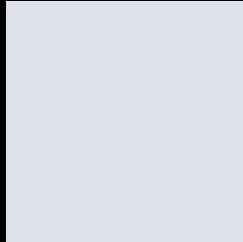
Large Text (above 18pt) WCAG AA × Fail

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 223, 225, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

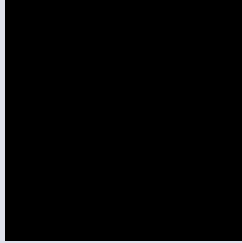
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

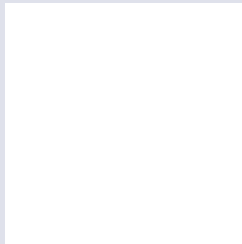
Any Text WCAG AAA ✓ Pass

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

R Y B 223, 225, 235 Background



This preview shows how black text looks on a background with the R Y B color 223, 225, 235.

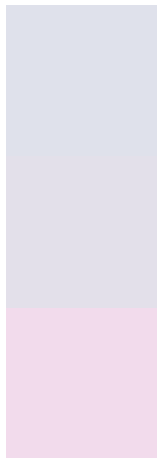


This preview shows how white text looks on a background with the R Y B color 223, 225, 235.

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



Original Color
223, 225, 235

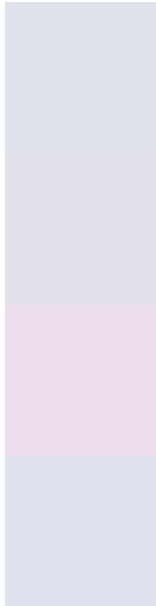
Protanopia
227, 224, 234

Deuteranopia
242, 219, 236



Tritanopia
224, 224, 242

Trichromacy



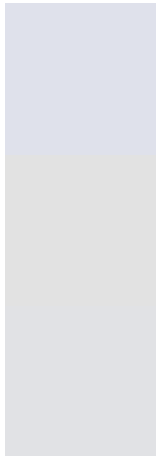
Original Color
223, 225, 235

Protanomaly
226, 225, 234

Deuteranomaly
235, 221, 236

Tritanomaly
224, 225, 239

Monochromacy



Original Color
223, 225, 235

Achromatopsia
226, 226, 226

Achromatomaly
225, 226, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 225, 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(223, 225, 235) looks like.

```
.text, #text, p{  
    color:rgb(223, 225, 235)  
}
```

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(223, 225, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 225, 235) }
```

Border

The CSS property to change the border of an element to RYB 223, 225, 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(223, 225, 235) }
```

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

```
.border{ border-color:rgb(223, 225, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 225, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 225, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 225, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 225,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 223, 225, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 225, 235) }
```

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

```
.background{ background-color: rgb(223,  
225, 235) }
```

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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