

Converting Colors

`RYB(225, 235, 252)`

Have a look what the booklet for RYB(225, 235, 252) contains.

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Color

R_YB(225, 235, 252)

Conversions

Conversions Part 1

Format	Color
Hex	E1F1FC
RGB	225, 241, 252
RGB Percent	88%, 95%, 99%
CMY	0.1176, 0.0554, 0.0118
CMYK	0.11, 0.04, 0.00, 0.01
HSL	205°, 82%, 94%
HSV	205°, 11%, 99%
XYZ	80.0425, 85.8768, 104.4526
YIQ	237.4700, -13.0670, 0.0290

Conversions

Conversions Part 2

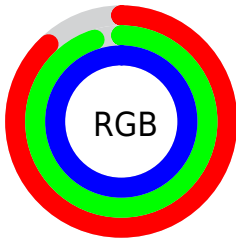
Format	Color
RYB	225, 235, 252
Decimal	14807548
CIELab	94.26, -3.09, -7.15
CIELCh	94, 7.786, 246.631
Yxy	85.8768, 0.2960, 0.3176
Android (android.graphics.Color)	4292997628 (0xFFE1F1FC)
YUV	237.4700, 7.1633, -10.9362
Hunter-Lab	92.6697, -7.9945, -1.9599

Details

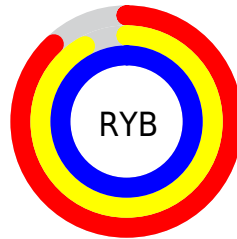
The RYB color **225, 235, 252** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **252, 244, 225**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 179, 195** is the 20% darker color. If you saturate the color by 10%, you get **200, 219, 252**, and if you desaturate by 10%, it is 250, 251, 252.

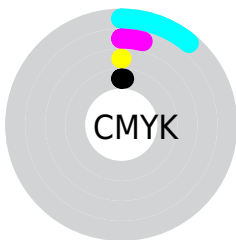
Distribution



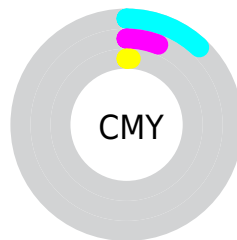
- Red (88%)
- Green (95%)
- Blue (99%)



- Red (88%)
- Yellow (92%)
- Blue (99%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (12%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 235, 252 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 225, 235, 252 by changing the saturation by 10% instead.

■ 225, 235, 252

255, 255, 255

■ 225, 235, 252

■ 197, 207, 223

■ 170, 179, 195

■ 143, 152, 168

■ 117, 126, 142

■ 92, 101, 116

■ 69, 78, 92

■ 46, 55, 68

■ 25, 33, 46

■ 0, 10, 25

225, 235, 252

225, 235, 252

200, 219, 252

250, 251, 252

175, 203, 252

252, 255, 252

149, 187, 252

124, 171, 252

99, 156, 252

74, 140, 252

49, 124, 252

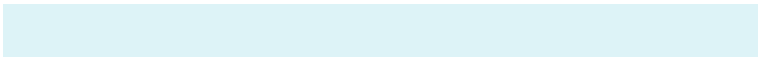
23, 108, 252

0, 93, 252

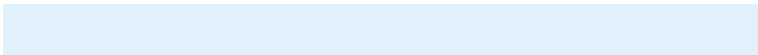
Harmonies

Analogous

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



221, 233, 247



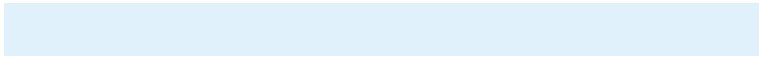
225, 235, 252



233, 238, 253

Triad

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



225, 235, 252



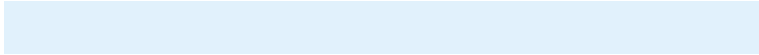
255, 234, 237



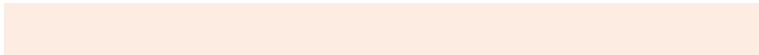
226, 241, 233

Complementary

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



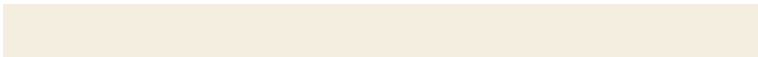
225, 235, 252



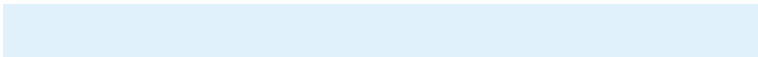
252, 244, 225

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.



231, 243, 224



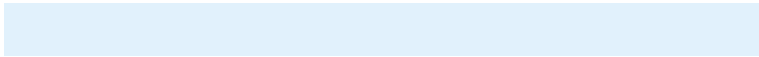
225, 235, 252



255, 235, 230

Square

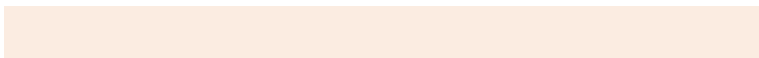
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225, 235, 252



250, 234, 245



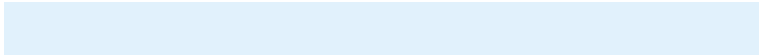
251, 244, 225



226, 239, 243

Rectangle

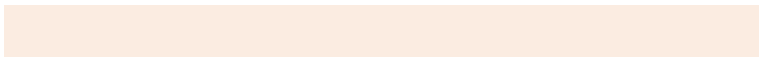
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225, 235, 252



239, 237, 252



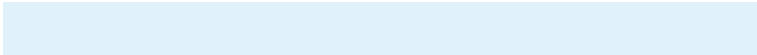
251, 244, 225



225, 240, 228

Sweetspot

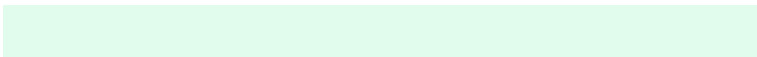
The Sweet Spot groups the original color and five complimentary colors.



225, 235, 252



247, 250, 255



225, 244, 252



122, 124, 128



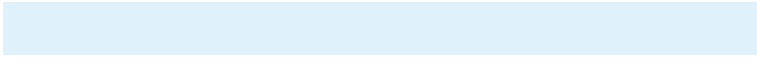
0, 0, 0



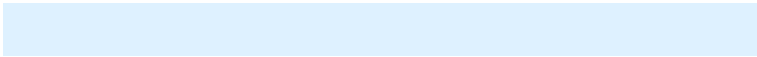
128, 128, 128

Same Dimension

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



225, 235, 252



222, 234, 255



225, 228, 252



112, 117, 125



0, 70, 189



0, 23, 61

Inverse Universe

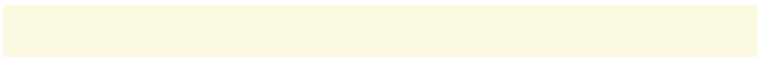
The Inverse Universe completely reimagines the original color for something new.



252, 225, 241



255, 222, 241



228, 252, 225



125, 112, 120



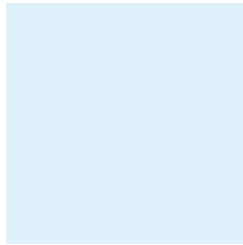
189, 0, 111



61, 0, 36

Previews

White Background



This preview shows how the RYB color 225, 235, 252 looks on a white background.

Color Contrast Check

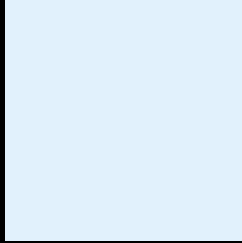
Large Text (above 18pt) WCAG AA × Fail

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 225, 235, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

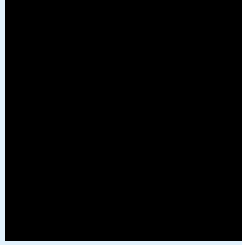
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

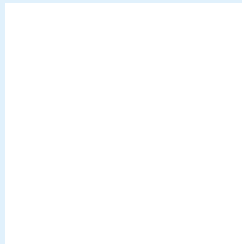
Any Text WCAG AAA ✓ Pass

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

RYP 225, 235, 252 Background



This preview shows how black text looks on a background with the RYP color 225, 235, 252.



This preview shows how white text looks on a background with the RYP color 225, 235, 252.

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](#).

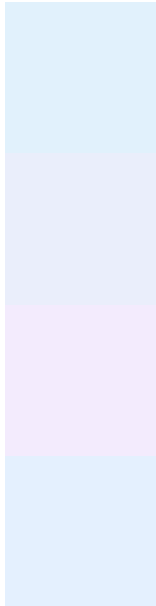
Dichromacy





Tritanopia
229, 237, 255

Trichromacy



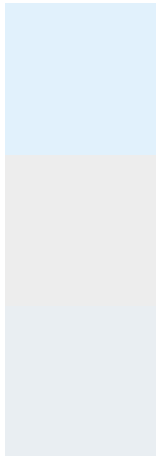
Original Color
225, 235, 252

Protanomaly
234, 237, 251

Deuteranomaly
243, 235, 253

Tritanomaly
228, 236, 254

Monochromacy



Original Color
225, 235, 252

Achromatopsia
237, 237, 237

Achromatomaly
233, 236, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 235, 252 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(225, 241, 252)` looks like.

```
.text, #text, p{  
    color:rgb(225, 241, 252)  
}
```

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(225, 241, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 241, 252) }
```

Border

The CSS property to change the border of an element to RYB 225, 235, 252 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(225, 241, 252) }
```

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

```
.border{ border-color:rgb(225, 241, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 241, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 241, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 241, 252);  
box-shadow:4px 4px 4px 4px rgb(225, 241,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 225, 235, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 241, 252) }
```

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

```
.background{ background-color: rgb(225,  
241, 252) }
```

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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