

Converting Colors

`RYB(218, 230, 241)`

Have a look what the booklet for RYB(218, 230, 241) contains.

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Color

R_YB(218, 230, 241)

Conversions

Conversions Part 1

Format	Color
Hex	DAF1EF
RGB	218, 241, 239
RGB Percent	85%, 95%, 94%
CMY	0.1451, 0.0549, 0.0624
CMYK	0.10, 0.00, 0.01, 0.05
HSL	175°, 45%, 90%
HSV	175°, 10%, 95%
XYZ	75.9610, 84.0529, 93.9462
YIQ	233.8950, -13.0660, -5.4980

Conversions

Conversions Part 2

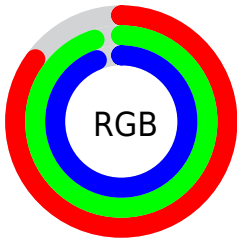
Format	Color
R _Y B	218, 230, 241
Decimal	14348783
CIE Lab	93.47, -7.87, -1.65
CIE LCh	93, 8.037, 191.874
Yxy	84.0529, 0.2991, 0.3310
Android (android.graphics.Color)	4292538863 (0xFFDAF1EF)
YUV	233.8950, 2.5168, -13.9399
Hunter-Lab	91.6804, -12.5460, 3.4210

Details

The RYB color **218, 230, 241** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **241, 218, 220**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 175, 185** is the 20% darker color. If you saturate the color by 10%, you get **194, 219, 241**, and if you desaturate by 10%, it is **242, 241, 241**.

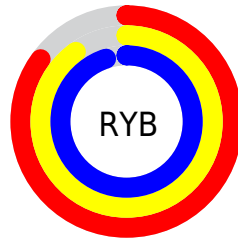
Distribution



Red (85%)

Green (95%)

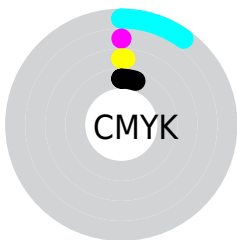
Blue (94%)



Red (85%)

Yellow (90%)

Blue (95%)

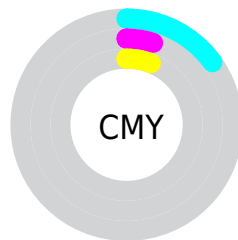


Cyan (10%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 230, 241 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 218, 230, 241 by changing the saturation by 10% instead.

■ 218, 230, 241

255, 255, 255

■ 218, 230, 241

■ 190, 202, 213

■ 163, 175, 185

■ 137, 148, 158

■ 111, 122, 132

■ 86, 97, 107

■ 63, 73, 82

■ 41, 50, 59

■ 19, 29, 38

■ 0, 9, 17

 218, 230, 241

 218, 230, 241

 194, 219, 241


 242, 241, 241

 170, 207, 241


 255, 241, 243

 146, 196, 241


 255, 241, 245

 122, 184, 241


 255, 241, 247

 98, 173, 241


 255, 241, 249

 73, 161, 241

 255, 241, 251

 49, 149, 241

 255, 241, 253

 25, 138, 241

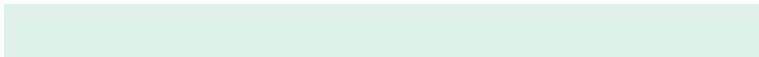
 255, 241, 255

 1, 126, 241

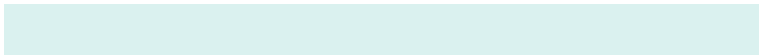
Harmonies

Analogous

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



223, 235, 241



218, 230, 241



218, 230, 246

Triad

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



218, 230, 241



242, 233, 248



248, 244, 222

Complementary

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



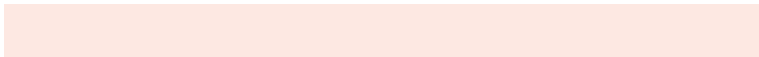
218, 230, 241



241, 218, 220

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.



253, 234, 226



218, 230, 241



249, 232, 241

Square

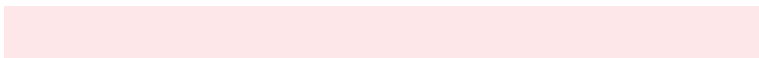
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218, 230, 241



232, 235, 251



253, 231, 233



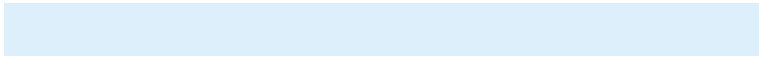
225, 240, 221

Rectangle

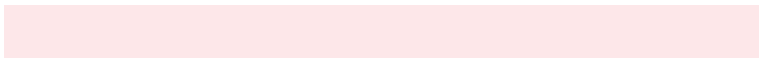
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



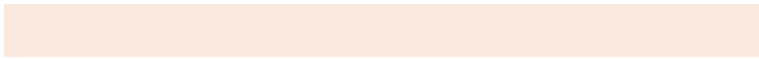
218, 230, 241



221, 232, 250



253, 231, 233



250, 239, 223

Sweetspot

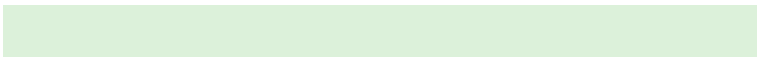
The Sweet Spot groups the original color and five complimentary colors.



218, 230, 241



247, 251, 255



218, 241, 239



122, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



218, 230, 241



227, 242, 255



218, 226, 241



108, 114, 120



0, 96, 184



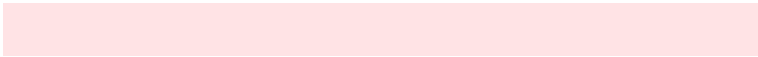
0, 29, 56

Inverse Universe

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



241, 218, 220



255, 227, 229



241, 236, 218



120, 108, 109



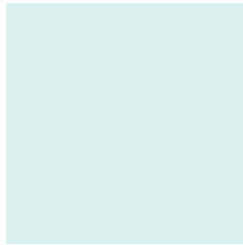
184, 0, 15



56, 0, 5

Previews

White Background



This preview shows how the RYB color 218, 230, 241 looks on a white background.

Color Contrast Check

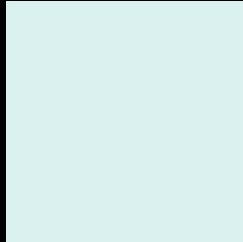
Large Text (above 18pt) WCAG AA × Fail

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 218, 230, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

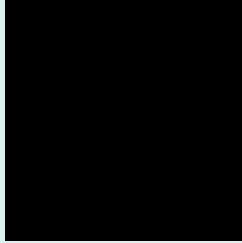
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

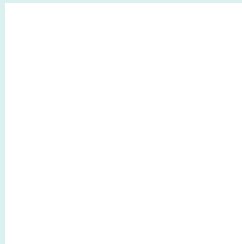
Any Text WCAG AAA ✓ Pass

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

RYB 218, 230, 241 Background



This preview shows how black text looks on a background with the RYB color 218, 230, 241.



This preview shows how white text looks on a background with the RYB color 218, 230, 241.

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

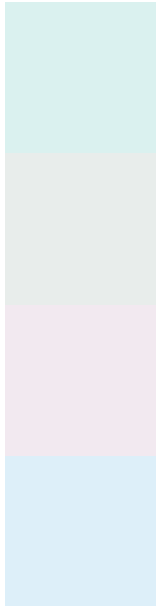




Tritanopia

223, 233, 255

Trichromacy



Original Color

218, 230, 241

Protanomaly

232, 235, 237

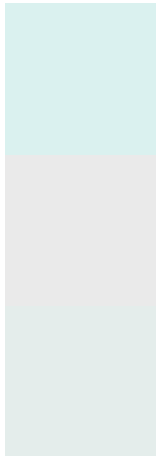
Deuteranomaly

242, 233, 240

Tritanomaly

221, 232, 249

Monochromacy



Original Color

218, 230, 241

Achromatopsia

234, 234, 234

Achromatomaly

228, 233, 237

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 230, 241 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(218, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(218, 241, 239)  
}
```

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(218, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 241, 239) }
```

Border

The CSS property to change the border of an element to RYB 218, 230, 241 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(218, 241, 239) }
```

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

```
.border{ border-color:rgb(218, 241, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(218, 241,  
239) }
```

Background

The CSS property to change the background color of an element to RYB 218, 230, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 241, 239) }
```

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

```
.background{ background-color: rgb(218,  
241, 239) }
```

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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