

Converting Colors

`RYB(214, 230, 239)`

Have a look what the booklet for RYB(214, 230, 239) contains.

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Color

R_YB(214, 230, 239)

Conversions

Conversions Part 1

Format	Color
Hex	D6EFE4
RGB	214, 239, 228
RGB Percent	84%, 94%, 89%
CMY	0.1608, 0.0627, 0.1056
CMYK	0.10, 0.00, 0.05, 0.06
HSL	154°, 44%, 89%
HSV	154°, 10%, 94%
XYZ	72.6103, 81.6341, 85.3743
YIQ	230.2710, -11.3690, -8.7210

Conversions

Conversions Part 2

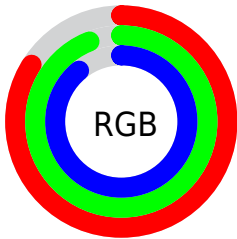
Format	Color
RYB	214, 230, 239
Decimal	14086116
CIELab	92.41, -10.22, 2.49
CIELCh	92, 10.520, 166.284
Yxy	81.6341, 0.3030, 0.3407
Android (android.graphics.Color)	4292276196 (0xFFD6EFE4)
YUV	230.2710, -1.1196, -14.2697
Hunter-Lab	90.3516, -14.6651, 7.2223

Details

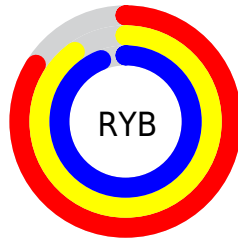
The RYB color **214, 230, 239** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **239, 214, 225**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 174, 183** is the 20% darker color. If you saturate the color by 10%, you get **190, 221, 239**, and if you desaturate by 10%, it is **238, 239, 239**.

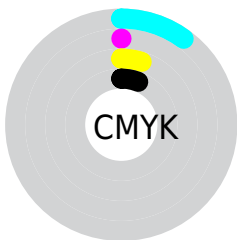
Distribution



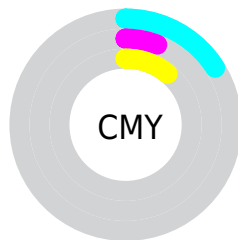
- Red (84%)
- Green (94%)
- Blue (89%)



- Red (84%)
- Yellow (90%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 230, 239 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 214, 230, 239 by changing the saturation by 10% instead.

■ 214, 230, 239

255, 255, 255

■ 214, 230, 239

■ 186, 202, 211

■ 159, 174, 183

■ 133, 148, 156

■ 108, 122, 130

■ 83, 97, 105

■ 60, 73, 81

■ 38, 51, 58

■ 17, 29, 36

■ 0, 14, 16

 214, 230, 239

 214, 230, 239

 190, 221, 239

 238, 239, 239


 166, 213, 239


 255, 239, 249


 142, 204, 239


 255, 239, 255

 118, 195, 239

 94, 187, 239

 71, 179, 239

 47, 170, 239

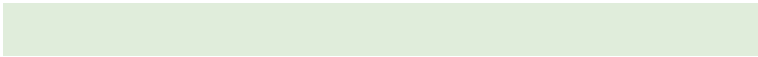
 23, 161, 239

 0, 153, 239

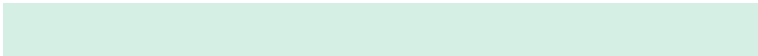
Harmonies

Analogous

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



219, 237, 232



214, 230, 239



209, 224, 239

Triad

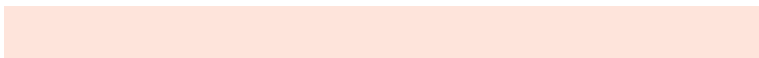
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214, 230, 239



230, 232, 252



254, 231, 219

Complementary

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



214, 230, 239



239, 214, 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.



255, 227, 228



214, 230, 239



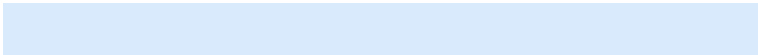
242, 229, 247

Square

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



214, 230, 239



218, 229, 253



251, 227, 238



242, 246, 214

Rectangle

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



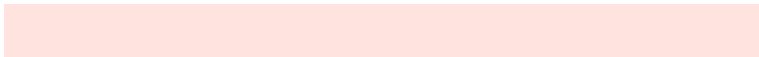
214, 230, 239



209, 225, 245



251, 227, 238



255, 228, 222

Sweetspot

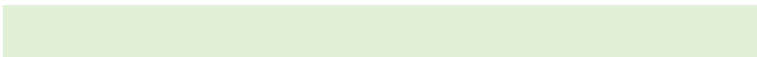
The Sweet Spot groups the original color and five complimentary colors.



214, 230, 239



247, 252, 255



214, 239, 228



122, 126, 128



0, 0, 0



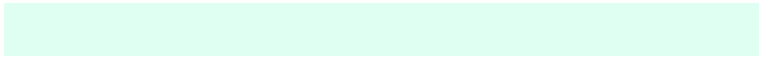
128, 128, 128

Same Dimension

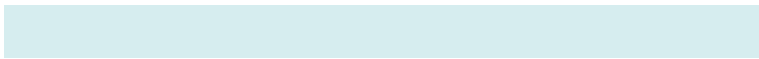
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214, 230, 239



222, 243, 255



214, 226, 239



108, 116, 120



0, 118, 184



0, 36, 56

Inverse Universe

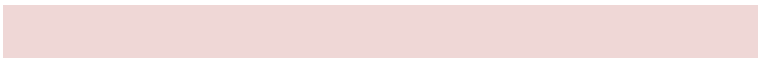
The Inverse Universe completely reimagines the original color for something new.



239, 214, 225



255, 222, 236



239, 215, 214



120, 108, 113



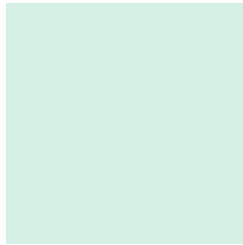
184, 0, 80



56, 0, 25

Previews

White Background



This preview shows how the RYB color 214, 230, 239 looks on a white background.

Color Contrast Check

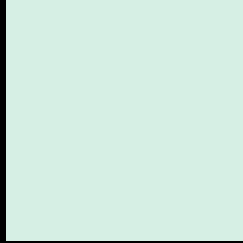
Large Text (above 18pt) WCAG AA × Fail

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 214, 230, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

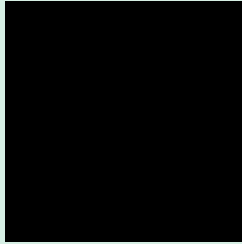
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

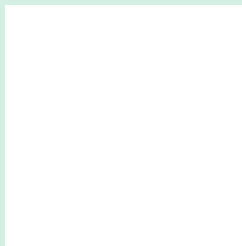
Any Text WCAG AAA ✓ Pass

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

RYB 214, 230, 239 Background



This preview shows how black text looks on a background with the RYB color 214, 230, 239.

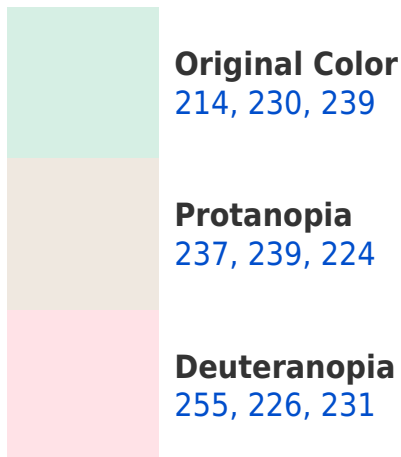


This preview shows how white text looks on a background with the RYB color 214, 230, 239.

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

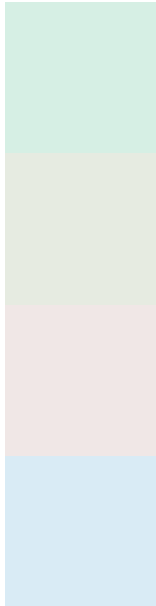




Tritanopia

218, 230, 254

Trichromacy



Original Color

214, 230, 239

Protanomaly

225, 235, 230

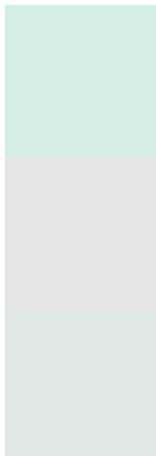
Deuteranomaly

240, 231, 230

Tritanomaly

217, 228, 245

Monochromacy



Original Color

214, 230, 239

Achromatopsia

230, 230, 230

Achromatomaly

224, 230, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 230, 239 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(214, 239, 228)` looks like.

```
.text, #text, p{  
    color:rgb(214, 239, 228)  
}
```

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(214, 239, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 239, 228) }
```

Border

The CSS property to change the border of an element to RYB 214, 230, 239 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(214, 239, 228) }
```

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

```
.border{ border-color:rgb(214, 239, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 239, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 239, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 239, 228); box-shadow:4px 4px 4px 4px rgb(214, 239, 228) }
```

Background

The CSS property to change the background color of an element to RYB 214, 230, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 239, 228) }
```

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

```
.background{ background-color: rgb(214,  
239, 228) }
```

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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