

Converting Colors

`RYB(214, 221, 250)`

Have a look what the booklet for
RYB(214, 221, 250) contains.

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Color

$\text{RYB}(214, 221, 250)$

Conversions

Conversions Part 1

Format	Color
Hex	D6DFFA
RGB	214, 223, 250
RGB Percent	84%, 87%, 98%
CMY	0.1608, 0.1267, 0.0196
CMYK	0.14, 0.11, 0.00, 0.02
HSL	226°, 78%, 91%
HSV	226°, 14%, 98%
XYZ	71.2917, 73.8079, 100.9314
YIQ	223.3870, -14.0310, 6.4890

Conversions

Conversions Part 2

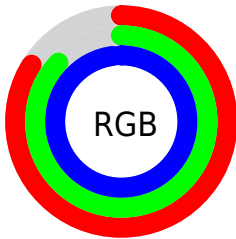
Format	Color
RYB	214, 221, 250
Decimal	14082042
CIELab	88.83, 2.43, -14.26
CIElCh	89, 14.470, 279.682
Yxy	73.8079, 0.2898, 0.3000
Android (android.graphics.Color)	4292272122 (0xFFD6DFFA)
YUV	223.3870, 13.1202, -8.2324
Hunter-Lab	85.9115, -2.2211, -9.5175

Details

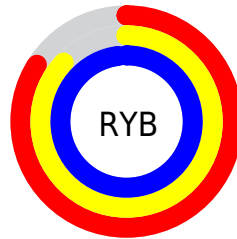
The RYB color **214, 221, 250** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **226, 250, 214**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 166, 194** is the 20% darker color. If you saturate the color by 10%, you get **189, 201, 250**, and if you desaturate by 10%, it is **239, 241, 250**.

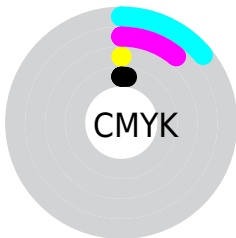
Distribution



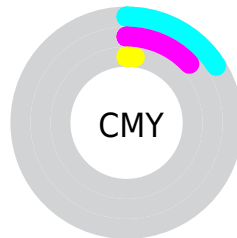
- Red (84%)
- Green (87%)
- Blue (98%)



- Red (84%)
- Yellow (87%)
- Blue (98%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 221, 250 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, 221, 250 by changing the saturation by 10% instead.

■ 214, 221, 250

255, 255, 255

■ 214, 221, 250

■ 186, 193, 221

■ 159, 166, 194

■ 133, 139, 166

■ 107, 114, 140

■ 83, 89, 114

■ 59, 66, 90

■ 36, 44, 66

■ 15, 22, 44

■ 0, 1, 24

■ 214, 221, 250

■ 214, 221, 250

■ 189, 201, 250

■ 239, 241, 250

■ 164, 181, 250

■ 250, 255, 250

■ 139, 161, 250

■ 114, 141, 250

■ 89, 120, 250

■ 64, 100, 250

■ 39, 80, 250

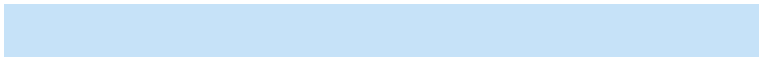
■ 14, 60, 250

■ 0, 48, 250

Harmonies

Analogous

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



198, 216, 248



214, 221, 250



231, 218, 244

Triad

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



214, 221, 250



251, 217, 206



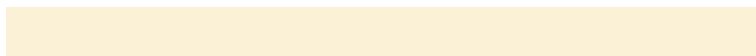
199, 220, 230

Complementary

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



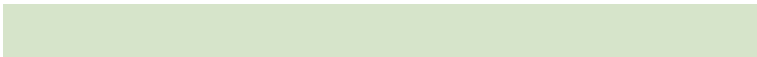
214, 221, 250



226, 250, 214

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.



202, 228, 216



214, 221, 250



243, 237, 198

Square

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



214, 221, 250



252, 214, 219



203, 230, 196



190, 212, 231

Rectangle

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



214, 221, 250



241, 216, 237



203, 230, 196



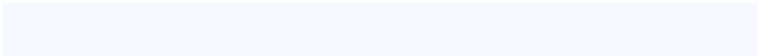
204, 226, 230

Sweetspot

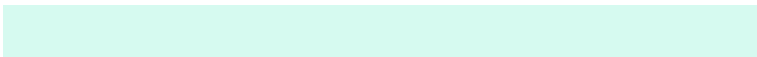
The Sweet Spot groups the original color and five complimentary colors.



214, 221, 250



245, 247, 255



214, 235, 250



121, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



214, 221, 250



212, 220, 255



223, 214, 250



112, 114, 125



0, 37, 189



0, 12, 61

Inverse Universe

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



250, 214, 223



255, 212, 222



214, 250, 223



125, 112, 115



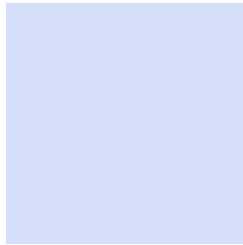
189, 0, 46



61, 0, 15

Previews

White Background



This preview shows how the RYB color 214, 221, 250 looks on a white background.

Color Contrast Check

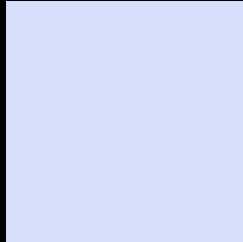
Large Text (above 18pt) WCAG AA × Fail

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, 221, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

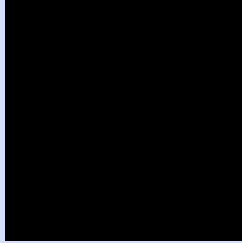
Any Text WCAG AA ✓ Pass

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, 221, 250 Background



This preview shows how black text looks on a background with the RYB color 214, 221, 250.

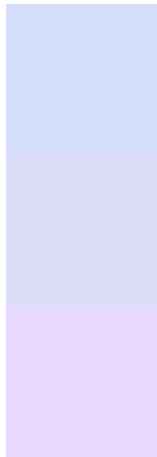


This preview shows how white text looks on a background with the RYB color 214, 221, 250.

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
214, 221, 250

Protanopia
219, 221, 249

Deuteranopia
231, 217, 251



Tritanopia
213, 221, 242

Trichromacy



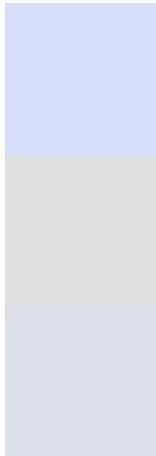
Original Color
214, 221, 250

Protanomaly
217, 221, 249

Deuteranomaly
225, 219, 251

Tritanomaly
213, 221, 245

Monochromacy



Original Color
214, 221, 250

Achromatopsia
223, 223, 223

Achromatomaly
220, 222, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 221, 250 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, 223, 250)` looks like.

```
.text, #text, p{  
    color:rgb(214, 223, 250)  
}
```

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, 223, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 223, 250) }
```

Border

The CSS property to change the border of an element to RYB 214, 221, 250 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, 223, 250) }
```

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

```
.border{ border-color:rgb(214, 223, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 223, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 223, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 223, 250);  
box-shadow:4px 4px 4px 4px rgb(214, 223,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 214, 221, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 223, 250) }
```

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

```
.background{ background-color: rgb(214,  
223, 250) }
```

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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