

Converting Colors

`RYB(214, 233, 249)`

Have a look what the booklet for RYB(214, 233, 249) contains.

RYB(214, 233, 249)	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(214, 233, 249)

Conversions

Conversions Part 1

Format	Color
Hex	D6F9F3
RGB	214, 249, 243
RGB Percent	84%, 98%, 95%
CMY	0.1608, 0.0235, 0.0452
CMYK	0.14, 0.00, 0.02, 0.02
HSL	171°, 74%, 91%
HSV	171°, 14%, 98%
XYZ	77.8565, 88.5472, 98.1574
YIQ	237.8510, -18.9340, -9.2860

Conversions

Conversions Part 2

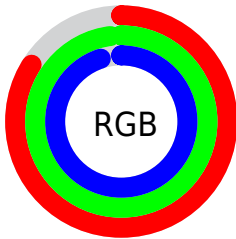
Format	Color
R _Y B	214, 233, 249
Decimal	14088691
CIE Lab	95.39, -12.30, -1.15
CIE LCh	95, 12.356, 185.347
Yxy	88.5472, 0.2943, 0.3347
Android (android.graphics.Color)	4292278771 (0xFFD6F9F3)
YUV	237.8510, 2.5385, -20.9173
Hunter-Lab	94.0995, -16.9860, 4.0229

Details

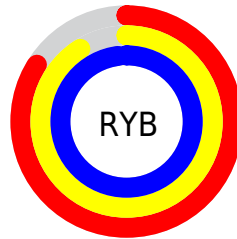
The RYB color **214, 233, 249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **249, 214, 220**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 178, 193** is the 20% darker color. If you saturate the color by 10%, you get **189, 221, 249**, and if you desaturate by 10%, it is **239, 245, 249**.

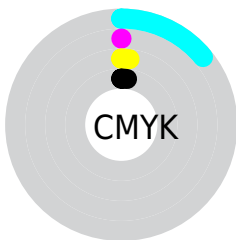
Distribution



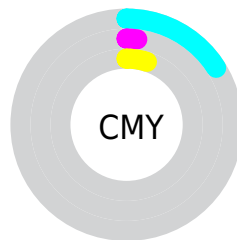
- Red (84%)
- Green (98%)
- Blue (95%)



- Red (84%)
- Yellow (91%)
- Blue (98%)



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



- Cyan (16%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 233, 249 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, 233, 249 by changing the saturation by 10% instead.

214, 233, 249

255, 255, 255

214, 233, 249

186, 204, 220

159, 178, 193

133, 150, 165

107, 124, 139

82, 99, 113

58, 75, 89

35, 51, 65

13, 29, 43

0, 13, 24

■ 214, 233, 249

■ 214, 233, 249

■ 189, 221, 249

■ 239, 245, 249

■ 164, 210, 249

■ 255, 249, 251

■ 139, 199, 249

■ 255, 249, 255

■ 114, 187, 249

■ 90, 176, 249

■ 65, 165, 249

■ 40, 153, 249

■ 15, 142, 249

■ 0, 135, 249

Harmonies

Analogous

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



223, 242, 248



214, 233, 249



212, 232, 255

Triad

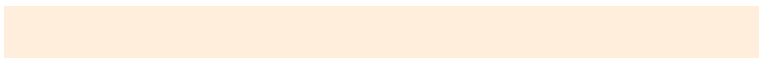
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214, 233, 249



247, 238, 255



253, 255, 220

Complementary

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



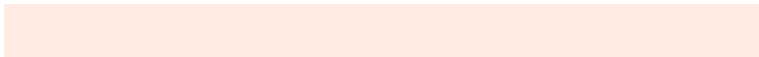
214, 233, 249



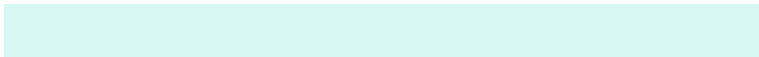
249, 214, 220

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.



255, 237, 228



214, 233, 249



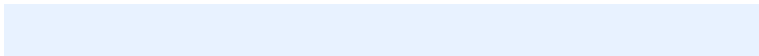
255, 235, 252

Square

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



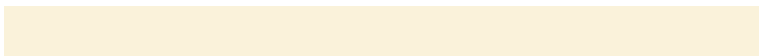
214, 233, 249



232, 239, 255



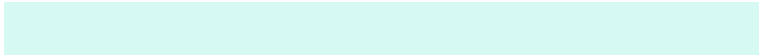
255, 234, 240



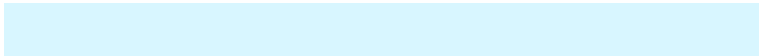
229, 250, 218

Rectangle

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



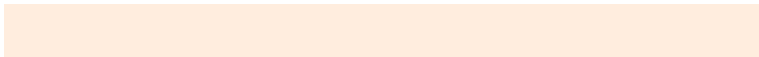
214, 233, 249



216, 233, 255



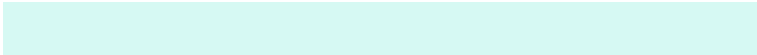
255, 234, 240



255, 250, 222

Sweetspot

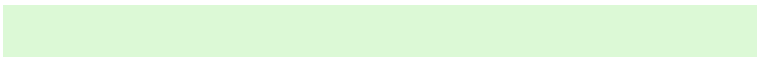
The Sweet Spot groups the original color and five complimentary colors.



214, 233, 249



245, 251, 255



214, 249, 243



121, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

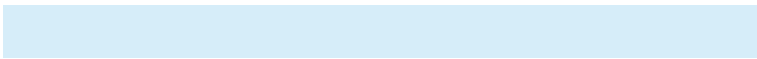
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214, 233, 249



212, 235, 255



214, 228, 249



112, 119, 125



0, 103, 189



0, 33, 61

Inverse Universe

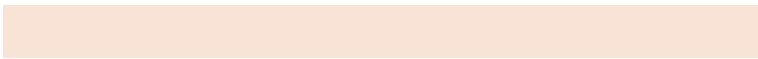
The Inverse Universe completely reimagines the original color for something new.



249, 214, 220



255, 212, 218



249, 232, 214



125, 112, 114



189, 0, 30



61, 0, 10

Previews

White Background



This preview shows how the RYB color 214, 233, 249 looks on a white background.

Color Contrast Check

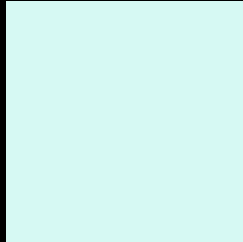
Large Text (above 18pt) WCAG AA × Fail

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, 233, 249 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

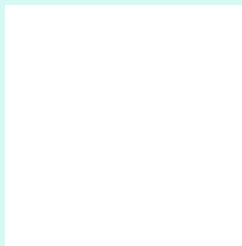
Any Text WCAG AAA ✓ Pass

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

RYB 214, 233, 249 Background



This preview shows how black text looks on a background with the RYB color 214, 233, 249.

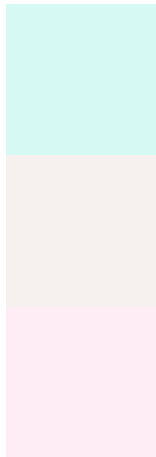


This preview shows how white text looks on a background with the RYB color 214, 233, 249.

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, 233, 249

Protanopia
246, 241, 238

Deuteranopia
255, 237, 245



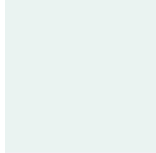
Tritanopia
229, 239, 255

Trichromacy



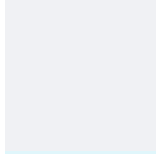
Original Color

214, 233, 249



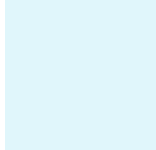
Protanomaly

234, 239, 243



Deuteranomaly

240, 241, 244



Tritanomaly

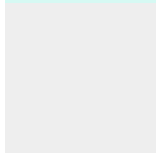
224, 236, 251

Monochromacy



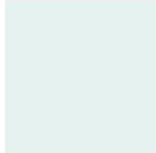
Original Color

214, 233, 249



Achromatopsia

238, 238, 238



Achromatomaly

229, 236, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 233, 249 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, 249, 243) looks like.

```
.text, #text, p{  
    color:rgb(214, 249, 243)  
}
```

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, 249, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 249, 243) }
```

Border

The CSS property to change the border of an element to RYB 214, 233, 249 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, 249, 243) }
```

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

```
.border{ border-color:rgb(214, 249, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 249, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 249, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 249, 243);  
box-shadow:4px 4px 4px 4px rgb(214, 249,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 214, 233, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 249, 243) }
```

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

```
.background{ background-color: rgb(214,  
249, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor