

Converting Colors

`RYB(213, 234, 252)`

Have a look what the booklet for
RYB(213, 234, 252) contains.

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Color

$\text{RYB}(213, 234, 252)$

Conversions

Conversions Part 1

Format	Color
Hex	D5FCF6
RGB	213, 252, 246
RGB Percent	84%, 99%, 96%
CMY	0.1647, 0.0118, 0.0336
CMYK	0.15, 0.00, 0.02, 0.01
HSL	171°, 87%, 91%
HSV	171°, 15%, 99%
XYZ	78.9514, 90.4471, 100.8309
YIQ	239.6550, -21.3180, -10.1340

Conversions

Conversions Part 2

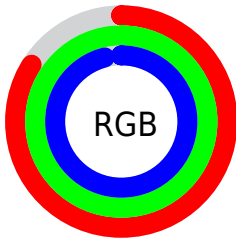
Format	Color
R _Y B	213, 234, 252
Decimal	14023926
CIE Lab	96.18, -13.53, -1.53
CIE LCh	96, 13.615, 186.435
Yxy	90.4471, 0.2922, 0.3347
Android (android.graphics.Color)	4292214006 (0xFFD5FCF6)
YUV	239.6550, 3.1281, -23.3764
Hunter-Lab	95.1037, -18.2477, 3.7121

Details

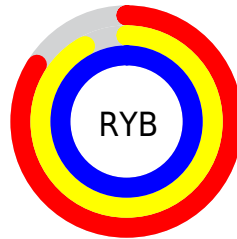
The RYB color **213, 234, 252** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **252, 213, 219**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 178, 195** is the 20% darker color. If you saturate the color by 10%, you get **188, 222, 252**, and if you desaturate by 10%, it is **238, 246, 252**.

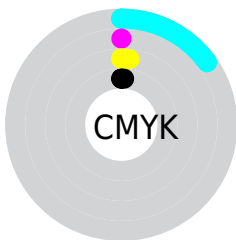
Distribution



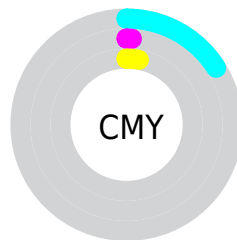
- Red (84%)
- Green (99%)
- Blue (96%)



- Red (84%)
- Yellow (92%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 234, 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 213, 234, 252 by changing the saturation by 10% instead.

213, 234, 252

255, 255, 255

213, 234, 252

185, 205, 223

158, 178, 195

131, 151, 168

106, 125, 142

81, 100, 116

57, 75, 91

34, 52, 68

10, 28, 45

0, 14, 26

■ 213, 234, 252

■ 213, 234, 252

■ 188, 222, 252

■ 238, 246, 252

■ 163, 211, 252

■ 255, 252, 254

■ 137, 199, 252

■ 255, 252, 255

■ 112, 187, 252

■ 87, 176, 252

■ 62, 164, 252

■ 37, 153, 252

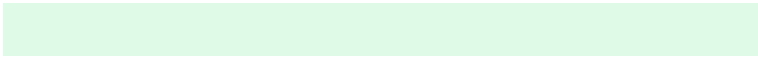
■ 11, 141, 252

■ 0, 136, 252

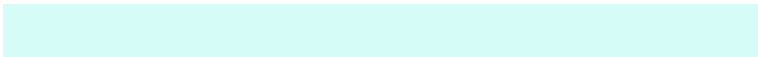
Harmonies

Analogous

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



223, 244, 251



213, 234, 252



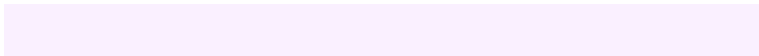
212, 232, 255

Triad

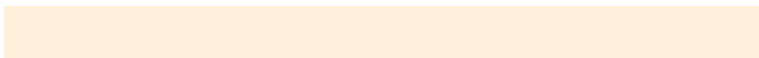
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213, 234, 252



250, 240, 255



246, 255, 220

Complementary

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



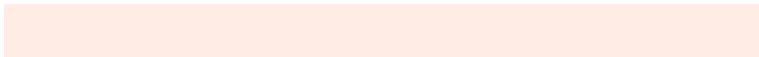
213, 234, 252



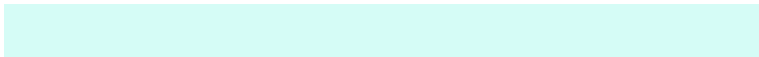
252, 213, 219

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, 239, 229



213, 234, 252



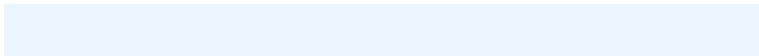
255, 236, 255

Square

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



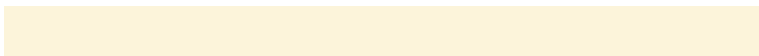
213, 234, 252



234, 241, 255



255, 235, 242



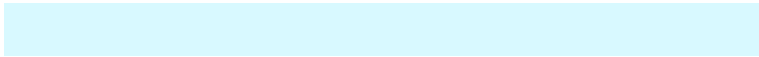
228, 252, 218

Rectangle

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



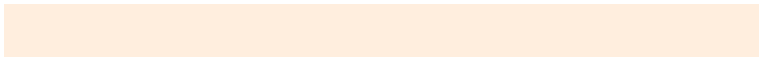
213, 234, 252



216, 234, 255



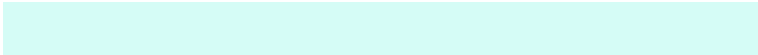
255, 235, 242



255, 253, 222

Sweetspot

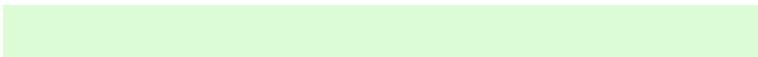
The Sweet Spot groups the original color and five complimentary colors.



213, 234, 252



242, 249, 255



213, 252, 246



120, 125, 128



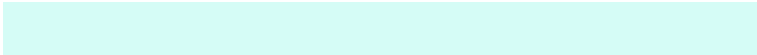
0, 0, 0



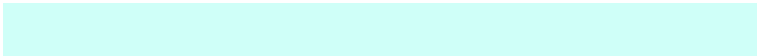
128, 128, 128

Same Dimension

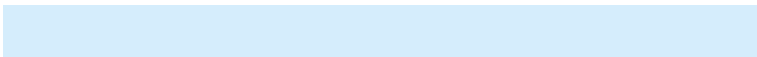
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213, 234, 252



207, 233, 255



213, 228, 252



112, 119, 125



0, 102, 189



0, 33, 61

Inverse Universe

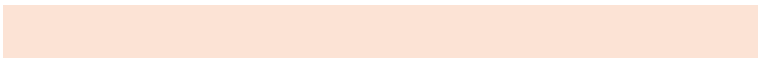
The Inverse Universe completely reimagines the original color for something new.



252, 213, 219



255, 207, 213



252, 235, 213



125, 112, 114



189, 0, 27



61, 0, 9

Previews

White Background



This preview shows how the RYB color 213, 234, 252 looks on a white background.

Color Contrast Check

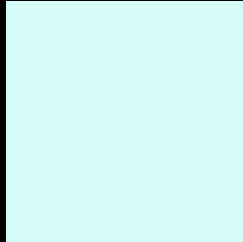
Large Text (above 18pt) WCAG AA × Fail

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 213, 234, 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

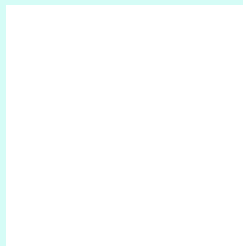
Any Text WCAG AAA ✓ Pass

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

RYB 213, 234, 252 Background



This preview shows how black text looks on a background with the RYB color 213, 234, 252.

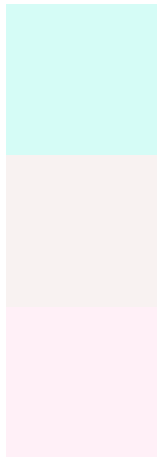


This preview shows how white text looks on a background with the RYB color 213, 234, 252.

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



Original Color
213, 234, 252

Protanopia
248, 242, 241

Deuteranopia
255, 240, 247



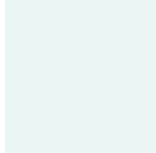
Tritanopia
232, 241, 255

Trichromacy



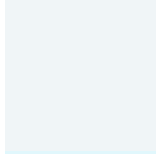
Original Color

213, 234, 252



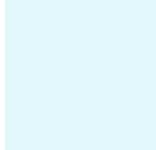
Protanomaly

235, 241, 246



Deuteranomaly

240, 243, 247



Tritanomaly

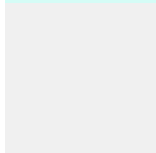
225, 237, 252

Monochromacy



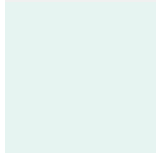
Original Color

213, 234, 252



Achromatopsia

240, 240, 240



Achromatomaly

230, 238, 244

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 234, 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(213, 252, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 252, 246)  
}
```

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(213, 252, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 252, 246) }
```

Border

The CSS property to change the border of an element to RYB 213, 234, 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(213, 252, 246) }
```

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

```
.border{ border-color:rgb(213, 252, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 252, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 252, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 252, 246); box-shadow:4px 4px 4px 4px rgb(213, 252, 246) }
```

Background

The CSS property to change the background color of an element to RYB 213, 234, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 252, 246) }
```

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

```
.background{ background-color: rgb(213,  
252, 246) }
```

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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