

Converting Colors

`RYB(209, 234, 244)`

Have a look what the booklet for RYB(209, 234, 244) contains.

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Color

R_YB(209, 234, 244)

Conversions

Conversions Part 1

Format	Color
Hex	D1F4DF
RGB	209, 244, 223
RGB Percent	82%, 96%, 87%
CMY	0.1804, 0.0431, 0.1255
CMYK	0.14, 0.00, 0.09, 0.04
HSL	144°, 61%, 89%
HSV	144°, 14%, 96%
XYZ	71.9645, 83.5844, 82.1525
YIQ	231.1410, -14.1190, -13.9510

Conversions

Conversions Part 2

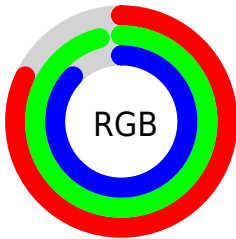
Format	Color
R _{YB}	209, 234, 244
Decimal	13759711
CIE Lab	93.27, -15.27, 6.32
CIE LCh	93, 16.528, 157.515
Yxy	83.5844, 0.3028, 0.3516
Android (android.graphics.Color)	4291949791 (0xFFD1F4DF)
YUV	231.1410, -4.0135, -19.4177
Hunter-Lab	91.4245, -19.4872, 10.7202

Details

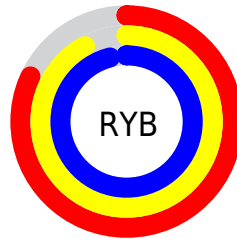
The RYB color **209, 234, 244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **244, 209, 230**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 178, 188** is the 20% darker color. If you saturate the color by 10%, you get **185, 227, 244**, and if you desaturate by 10%, it is **233, 241, 244**.

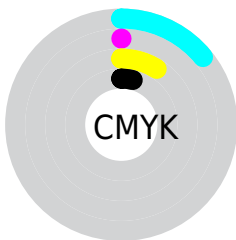
Distribution



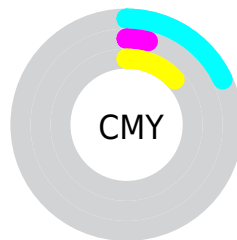
- Red (82%)
- Green (96%)
- Blue (87%)



- Red (82%)
- Yellow (92%)
- Blue (96%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 234, 244 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 209, 234, 244 by changing the saturation by 10% instead.

■ 209, 234, 244

255, 255, 255

■ 209, 234, 244

■ 181, 206, 216

■ 154, 178, 188

■ 128, 152, 161

■ 103, 125, 134

■ 78, 100, 109

■ 55, 76, 85

■ 32, 52, 61

■ 10, 29, 39

■ 0, 20, 20

 209, 234, 244

 209, 234, 244

 185, 227, 244


 233, 241, 244


 160, 220, 244


 255, 244, 252


 136, 213, 244


 255, 244, 255

 111, 206, 244

 87, 199, 244

 63, 192, 244

 38, 185, 244

 14, 178, 244

 0, 174, 244

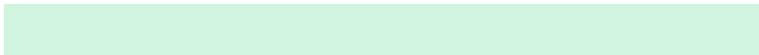
Harmonies

Analogous

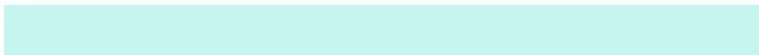
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210, 241, 225



209, 234, 244



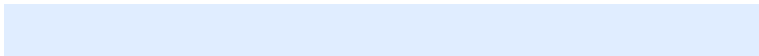
197, 223, 245

Triad

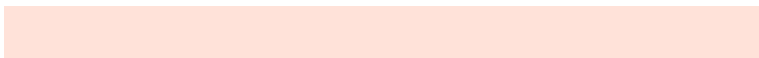
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209, 234, 244



224, 233, 255



255, 229, 217

Complementary

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



209, 234, 244



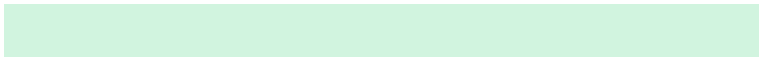
244, 209, 230

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, 225, 232



209, 234, 244



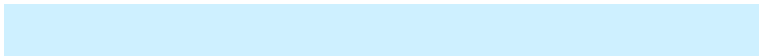
244, 230, 255

Square

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



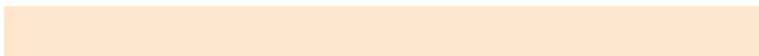
209, 234, 244



206, 226, 255



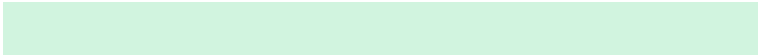
255, 226, 248



255, 255, 207

Rectangle

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



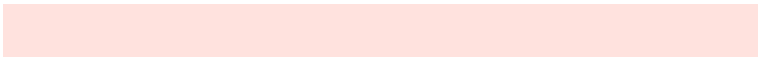
209, 234, 244



195, 221, 250



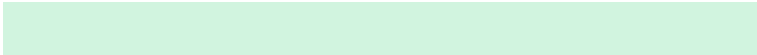
255, 226, 248



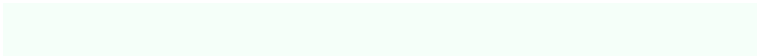
255, 227, 222

Sweetspot

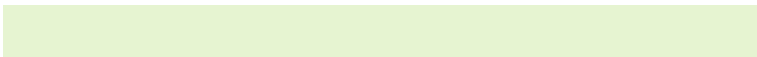
The Sweet Spot groups the original color and five complimentary colors.



209, 234, 244



245, 252, 255



209, 244, 223



121, 126, 128



0, 0, 0



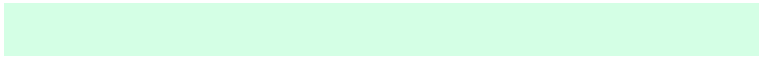
128, 128, 128

Same Dimension

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



209, 234, 244



212, 243, 255



209, 227, 244



110, 118, 122



0, 133, 186



0, 42, 59

Inverse Universe

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



244, 209, 230



255, 212, 238



244, 209, 213



122, 110, 118



186, 0, 112



59, 0, 35

Previews

White Background



This preview shows how the RYB color 209, 234, 244 looks on a white background.

Color Contrast Check

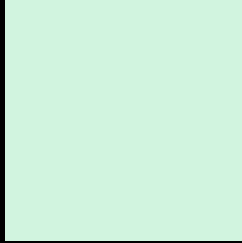
Large Text (above 18pt) WCAG AA × Fail

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 209, 234, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

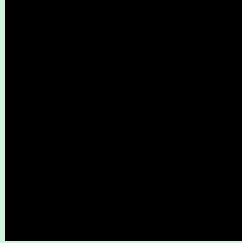
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

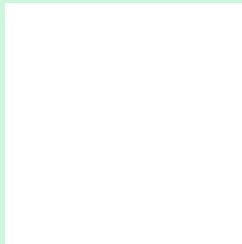
Any Text WCAG AAA ✓ Pass

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

RYB 209, 234, 244 Background



This preview shows how black text looks on a background with the RYB color 209, 234, 244.

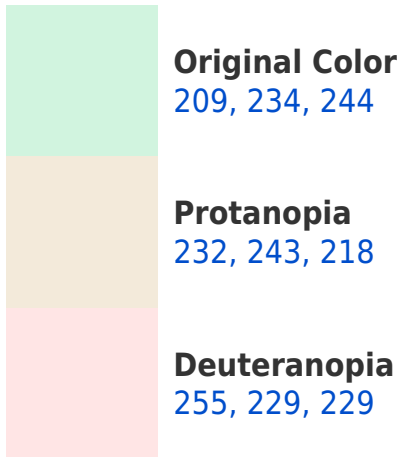


This preview shows how white text looks on a background with the RYB color 209, 234, 244.

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





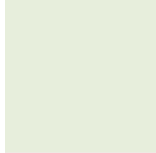
Tritanopia
218, 231, 255

Trichromacy



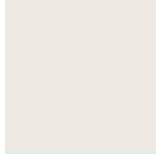
Original Color

209, 234, 244



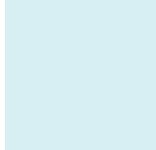
Protanomaly

220, 238, 227



Deuteranomaly

233, 238, 227



Tritanomaly

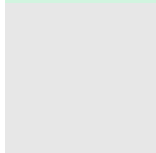
215, 228, 243

Monochromacy



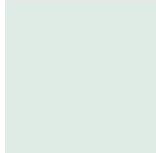
Original Color

209, 234, 244



Achromatopsia

231, 231, 231



Achromatomaly

223, 232, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 234, 244 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(209, 244, 223)` looks like.

```
.text, #text, p{  
    color:rgb(209, 244, 223)  
}
```

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(209, 244, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 244, 223) }
```

Border

The CSS property to change the border of an element to RYB 209, 234, 244 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(209, 244, 223) }
```

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

```
.border{ border-color:rgb(209, 244, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 244, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 244, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 244, 223);  
box-shadow:4px 4px 4px 4px rgb(209, 244,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 209, 234, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 244, 223) }
```

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

```
.background{ background-color: rgb(209,  
244, 223) }
```

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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