

Converting Colors

RYB(209, 231, 242)

Have a look what the booklet for RYB(209, 231, 242) contains.

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Color

R_YB(209, 231, 242)

Conversions

Conversions Part 1

Format	Color
Hex	D1F2E2
RGB	209, 242, 226
RGB Percent	82%, 95%, 89%
CMY	0.1804, 0.0510, 0.1157
CMYK	0.14, 0.00, 0.07, 0.05
HSL	150°, 56%, 88%
HSV	150°, 14%, 95%
XYZ	71.7056, 82.5231, 83.7416
YIQ	230.3090, -14.5320, -11.9720

Conversions

Conversions Part 2

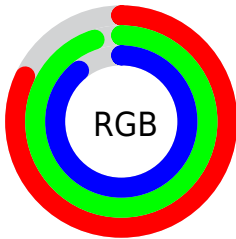
Format	Color
R _Y B	209, 231, 242
Decimal	13759202
CIE Lab	92.81, -13.82, 4.35
CIE LCh	93, 14.487, 162.510
Yxy	82.5231, 0.3013, 0.3468
Android (android.graphics.Color)	4291949282 (0xFFD1F2E2)
YUV	230.3090, -2.1243, -18.6880
Hunter-Lab	90.8423, -18.0765, 8.9340

Details

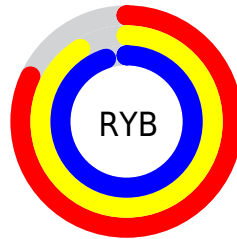
The RYB color **209, 231, 242** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 209, 226**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 175, 186** is the 20% darker color. If you saturate the color by 10%, you get **185, 223, 242**, and if you desaturate by 10%, it is **233, 239, 242**.

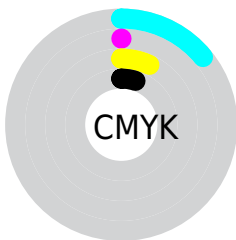
Distribution



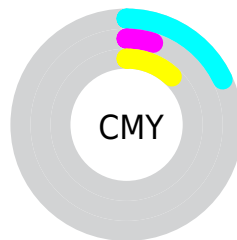
- Red (82%)
- Green (95%)
- Blue (89%)



- Red (82%)
- Yellow (91%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 231, 242 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, 231, 242 by changing the saturation by 10% instead.

■ 209, 231, 242

255, 255, 255

■ 209, 231, 242

■ 181, 203, 214

■ 154, 175, 186

■ 128, 148, 159

■ 103, 123, 133

■ 78, 97, 107

■ 55, 73, 83

■ 33, 50, 60

■ 11, 28, 38

■ 0, 18, 18

■ 209, 231, 242

■ 209, 231, 242

■ 185, 223, 242

■ 233, 239, 242

■ 161, 215, 242

■ 255, 242, 250

■ 136, 207, 242

■ 255, 242, 255

■ 112, 199, 242

■ 88, 191, 242

■ 64, 183, 242

■ 40, 175, 242

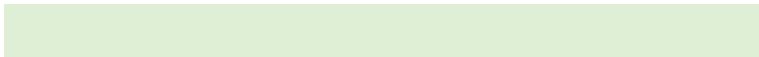
■ 15, 166, 242

■ 0, 161, 242

Harmonies

Analogous

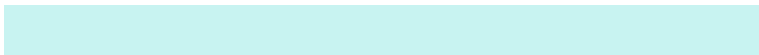
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214, 239, 230



209, 231, 242



200, 222, 243

Triad

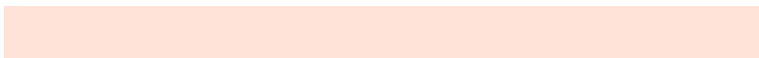
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



209, 231, 242



227, 233, 255



255, 231, 216

Complementary

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



209, 231, 242



242, 209, 226

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, 229



209, 231, 242



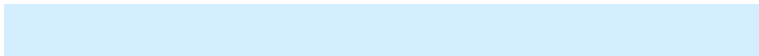
244, 229, 255

Square

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



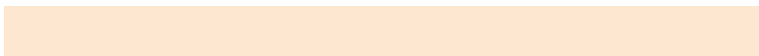
209, 231, 242



211, 228, 255



255, 226, 243



254, 254, 208

Rectangle

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



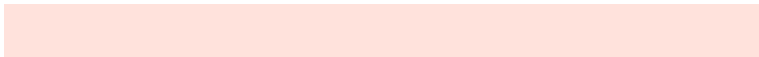
209, 231, 242



199, 222, 249



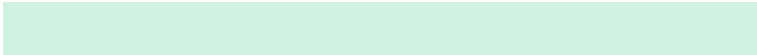
255, 226, 243



255, 227, 220

Sweetspot

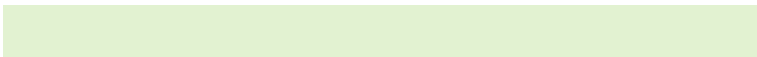
The Sweet Spot groups the original color and five complimentary colors.



209, 231, 242



245, 252, 255



209, 242, 225



121, 126, 128



0, 0, 0



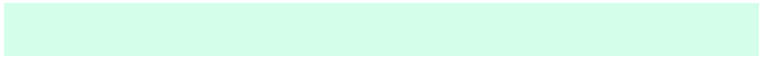
128, 128, 128

Same Dimension

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



209, 231, 242



214, 241, 255



209, 226, 242



108, 116, 120



0, 123, 184



0, 37, 56

Inverse Universe

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



242, 209, 226



255, 214, 235



242, 209, 209



120, 108, 114



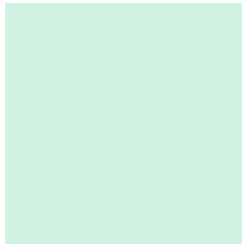
184, 0, 92



56, 0, 28

Previews

White Background



This preview shows how the RYB color 209, 231, 242 looks on a white background.

Color Contrast Check

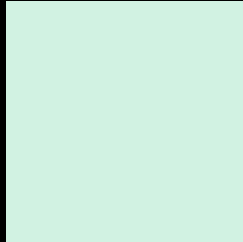
Large Text (above 18pt) WCAG AA × Fail

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, 231, 242 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

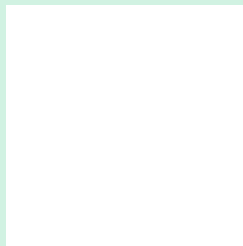
Any Text WCAG AAA ✓ Pass

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

RYP 209, 231, 242 Background



This preview shows how black text looks on a background with the RYP color 209, 231, 242.

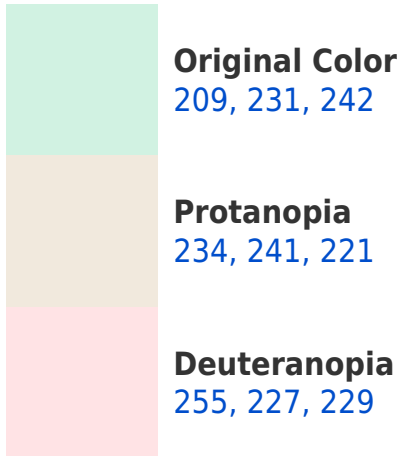


This preview shows how white text looks on a background with the RYP color 209, 231, 242.

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](#).

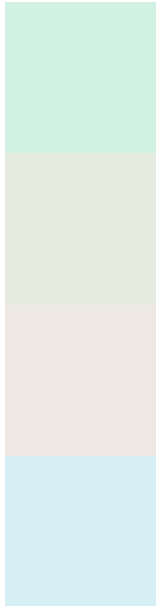
Dichromacy





Tritanopia
216, 230, 255

Trichromacy



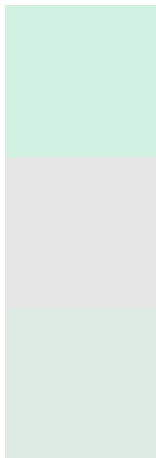
Original Color
209, 231, 242

Protanomaly
223, 236, 230

Deuteranomaly
238, 235, 228

Tritanomaly
213, 227, 244

Monochromacy



Original Color
209, 231, 242

Achromatopsia
230, 230, 230

Achromatomaly
222, 230, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 231, 242 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, 242, 226)` looks like.

```
.text, #text, p{  
    color:rgb(209, 242, 226)  
}
```

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, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 242, 226) }
```

Border

The CSS property to change the border of an element to RYB 209, 231, 242 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, 242, 226) }
```

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

```
.border{ border-color:rgb(209, 242, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 242, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 242, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 242, 226);  
box-shadow:4px 4px 4px 4px rgb(209, 242,  
226) }
```

Background

The CSS property to change the background color of an element to RYB 209, 231, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 242, 226) }
```

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

```
.background{ background-color: rgb(209,  
242, 226) }
```

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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