

Converting Colors

`RYB(211, 248, 231)`

Have a look what the booklet for
RYB(211, 248, 231) contains.

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Color

R_YB(211, 248, 231)

Conversions

Conversions Part 1

Format	Color
Hex	E4F8D3
RGB	228, 248, 211
RGB Percent	89%, 97%, 83%
CMY	0.1059, 0.0275, 0.1725
CMYK	0.08, 0.00, 0.15, 0.03
HSL	92°, 73%, 90%
HSV	92°, 15%, 97%
XYZ	77.3202, 88.3319, 74.6026
YIQ	237.8020, -0.0430, -15.7470

Conversions

Conversions Part 2

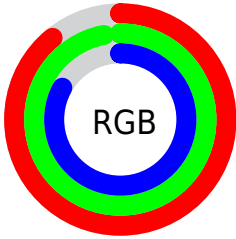
Format	Color
R_YB	211, 248, 231
Decimal	15005907
CIE Lab	95.30, -12.99, 15.58
CIE LCh	95, 20.285, 129.819
Yxy	88.3319, 0.3218, 0.3677
Android (android.graphics.Color)	4293195987 (0xFFE4F8D3)
YUV	237.8020, -13.2134, -8.5964
Hunter-Lab	93.9851, -17.6245, 18.7269

Details

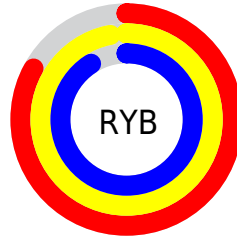
The RYB color **211, 248, 231** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **231, 211, 248**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **156, 192, 176** is the 20% darker color. If you saturate the color by 10%, you get **186, 248, 219**, and if you desaturate by 10%, it is **236, 248, 243**.

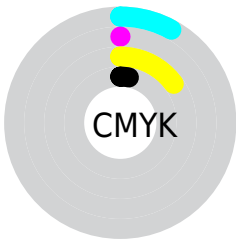
Distribution



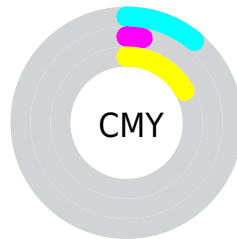
- Red (89%)
- Green (97%)
- Blue (83%)



- Red (83%)
- Yellow (97%)
- Blue (91%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 248, 231 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 211, 248, 231 by changing the saturation by 10% instead.

■ 211, 248, 231

255, 255, 255

■ 211, 248, 231

■ 183, 219, 202

■ 156, 192, 176

■ 130, 164, 148

■ 105, 138, 123

■ 81, 113, 99

■ 58, 88, 75

■ 36, 65, 53

■ 15, 43, 31

■ 0, 23, 23

■ 211, 248, 231

■ 211, 248, 231

■ 186, 248, 219

■ 236, 248, 243

■ 161, 248, 208

■ 255, 248, 255

■ 137, 248, 197

■ 112, 248, 186

■ 87, 248, 174

■ 62, 248, 162

■ 37, 248, 151

■ 13, 248, 140

■ 0, 248, 134

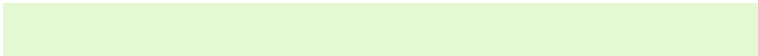
Harmonies

Analogous

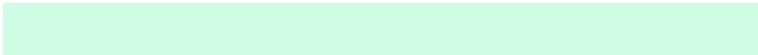
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 250, 203



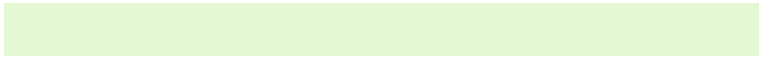
211, 248, 231



207, 238, 252

Triad

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



211, 248, 231



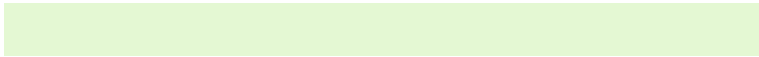
205, 228, 255



255, 228, 236

Complementary

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



211, 248, 231



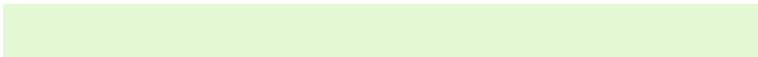
231, 211, 248

Split Complementary

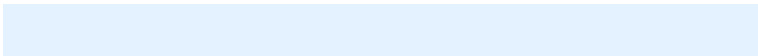
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 229, 255



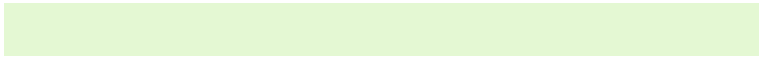
211, 248, 231



228, 237, 255

Square

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



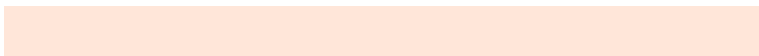
211, 248, 231



191, 222, 255



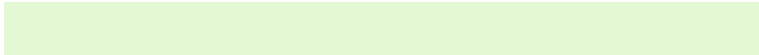
253, 234, 255



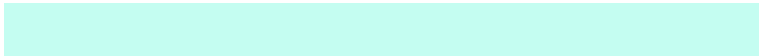
255, 237, 217

Rectangle

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



211, 248, 231



196, 228, 253



253, 234, 255



255, 228, 242

Sweetspot

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



211, 248, 231



245, 255, 251



242, 248, 211



121, 128, 125



0, 0, 0



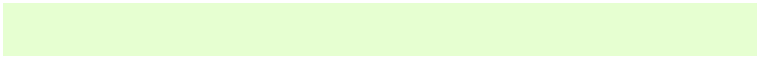
128, 128, 128

Same Dimension

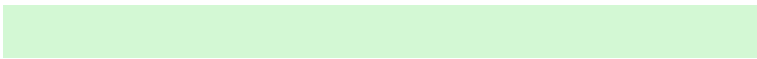
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 248, 231



209, 255, 234



211, 247, 248



112, 125, 119



0, 189, 102



0, 61, 33

Inverse Universe

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



231, 211, 248



234, 209, 255



248, 211, 247



119, 112, 125



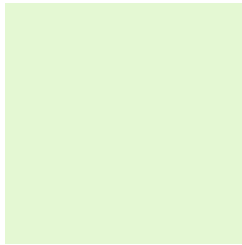
102, 0, 189



33, 0, 61

Previews

White Background



This preview shows how the RYB color 211, 248, 231 looks on a white background.

Color Contrast Check

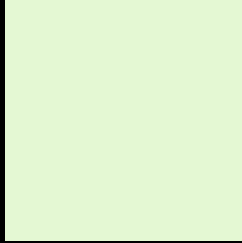
Large Text (above 18pt) WCAG AA × Fail

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 211, 248, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

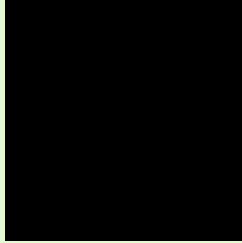
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

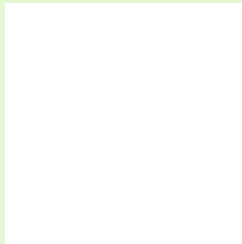
Any Text WCAG AAA ✓ Pass

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

RYB 211, 248, 231 Background



This preview shows how black text looks on a background with the RYB color 211, 248, 231.



This preview shows how white text looks on a background with the RYB color 211, 248, 231.

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

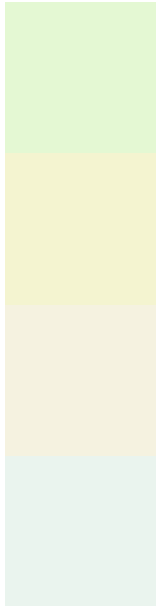




Tritanopia

237, 240, 255

Trichromacy



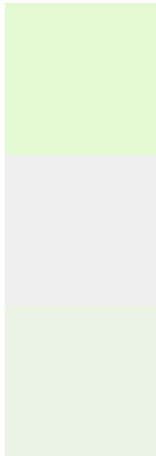
Original Color
211, 248, 231

Protanomaly
208, 244, 208

Deuteranomaly
228, 245, 224

Tritanomaly
234, 241, 244

Monochromacy



Original Color
211, 248, 231

Achromatopsia
238, 238, 238

Achromatomaly
228, 242, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 248, 231 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(228, 248, 211)` looks like.

```
.text, #text, p{  
    color:rgb(228, 248, 211)  
}
```

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(228, 248, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 248, 211) }
```

Border

The CSS property to change the border of an element to RYB 211, 248, 231 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(228, 248, 211) }
```

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

```
.border{ border-color:rgb(228, 248, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 248, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 248, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 248, 211);  
box-shadow:4px 4px 4px 4px rgb(228, 248,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 228, 248, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 248, 211) }
```

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

```
.background{ background-color: rgb(228,  
248, 211) }
```

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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