

Converting Colors

`RYB(214, 244, 231)`

Have a look what the booklet for
RYB(214, 244, 231) contains.

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Color

R_YB(214, 244, 231)

Conversions

Conversions Part 1

Format	Color
Hex	E3F4D6
RGB	227, 244, 214
RGB Percent	89%, 96%, 84%
CMY	0.1098, 0.0431, 0.1608
CMYK	0.07, 0.00, 0.12, 0.04
HSL	94°, 58%, 90%
HSV	94°, 12%, 96%
XYZ	76.1668, 85.8873, 76.1818
YIQ	235.4970, -0.5020, -12.9340

Conversions

Conversions Part 2

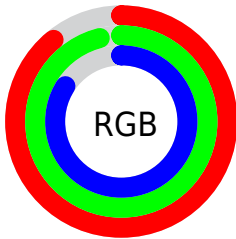
Format	Color
R _Y B	214, 244, 231
Decimal	14939350
CIE Lab	94.26, -10.85, 12.56
CIE LCh	94, 16.599, 130.839
Yxy	85.8873, 0.3197, 0.3605
Android (android.graphics.Color)	4293129430 (0xFFE3F4D6)
YUV	235.4970, -10.5980, -7.4519
Hunter-Lab	92.6754, -15.4787, 16.1347

Details

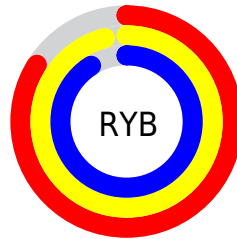
The RYB color **214, 244, 231** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **231, 214, 244**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 188, 175** is the 20% darker color. If you saturate the color by 10%, you get **190, 244, 221**, and if you desaturate by 10%, it is **238, 244, 241**.

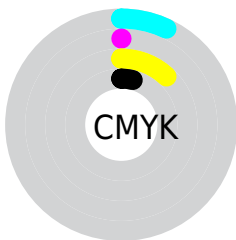
Distribution



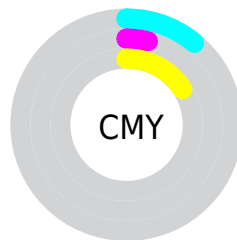
- Red (89%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 244, 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 214, 244, 231 by changing the saturation by 10% instead.

■ 214, 244, 231

255, 255, 255

■ 214, 244, 231

■ 186, 216, 203

■ 159, 188, 175

■ 133, 161, 149

■ 108, 135, 124

■ 84, 109, 99

■ 60, 85, 75

■ 38, 62, 52

■ 18, 40, 31

■ 0, 20, 20

■ 214, 244, 231

■ 214, 244, 231

■ 190, 244, 221

■ 238, 244, 241

■ 165, 244, 210

■ 255, 244, 255

■ 141, 244, 199

■ 116, 244, 188

■ 92, 244, 178

■ 68, 244, 168

■ 43, 244, 157

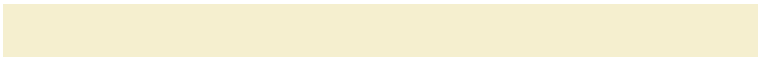
■ 19, 244, 147

■ 0, 244, 138

Harmonies

Analogous

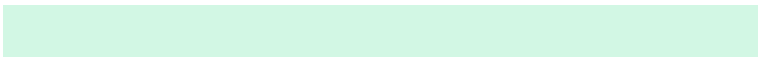
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214, 245, 207



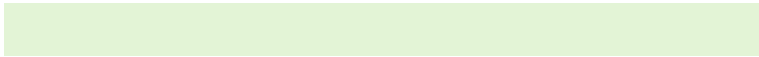
214, 244, 231



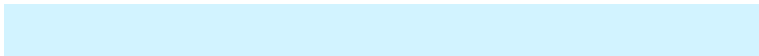
210, 235, 247

Triad

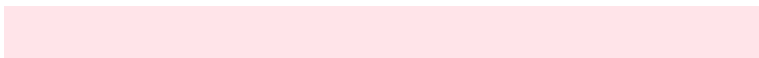
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214, 244, 231



210, 229, 255



255, 228, 233

Complementary

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



214, 244, 231



231, 214, 244

Split Complementary

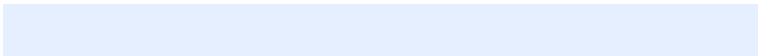
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 229, 249



214, 244, 231



229, 236, 255

Square

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



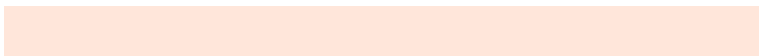
214, 244, 231



199, 225, 255



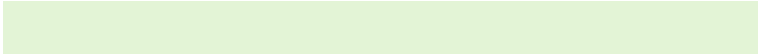
249, 233, 255



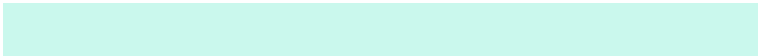
255, 236, 218

Rectangle

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



214, 244, 231



202, 228, 248



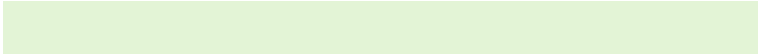
249, 233, 255



255, 228, 239

Sweetspot

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



214, 244, 231



245, 255, 251



237, 244, 214



121, 128, 125



0, 0, 0



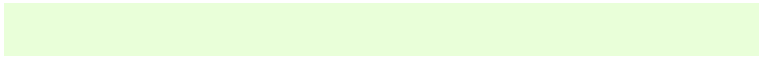
128, 128, 128

Same Dimension

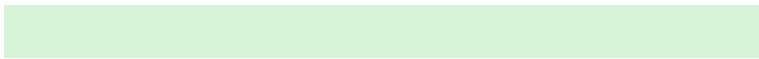
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214, 244, 231



217, 255, 239



214, 242, 244



110, 122, 117



0, 186, 105



0, 59, 34

Inverse Universe

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



231, 214, 244



238, 217, 255



244, 214, 242



117, 110, 122



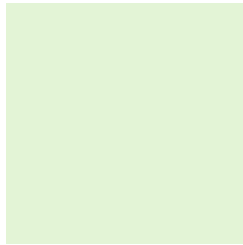
105, 0, 186



33, 0, 59

Previews

White Background



This preview shows how the RYB color 214, 244, 231 looks on a white background.

Color Contrast Check

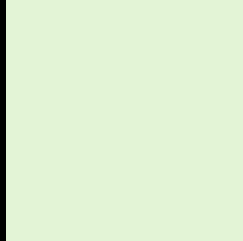
Large Text (above 18pt) WCAG AA × Fail

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 214, 244, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

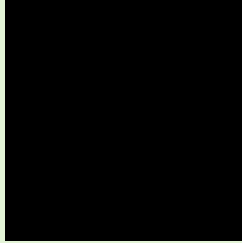
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

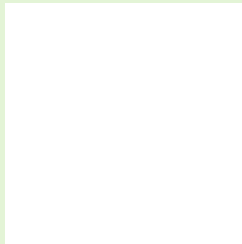
Any Text WCAG AAA ✓ Pass

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

RYB 214, 244, 231 Background



This preview shows how black text looks on a background with the RYB color 214, 244, 231.



This preview shows how white text looks on a background with the RYB color 214, 244, 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

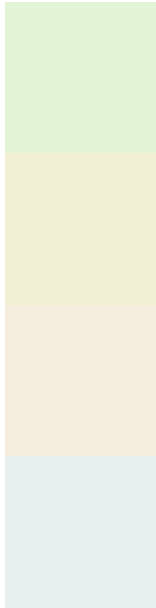




Tritanopia

234, 237, 255

Trichromacy



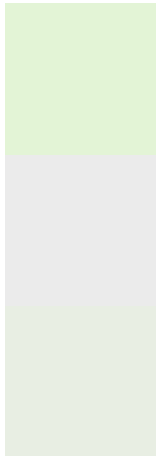
Original Color
214, 244, 231

Protanomaly
213, 241, 212

Deuteranomaly
232, 245, 222

Tritanomaly
231, 236, 240

Monochromacy



Original Color
214, 244, 231

Achromatopsia
235, 235, 235

Achromatomaly
227, 238, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 244, 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(227, 244, 214)` looks like.

```
.text, #text, p{  
    color:rgb(227, 244, 214)  
}
```

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(227, 244, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 244, 214) }
```

Border

The CSS property to change the border of an element to RYB 214, 244, 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(227, 244, 214) }
```

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

```
.border{ border-color:rgb(227, 244, 214) }
```

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

Here you see how a box with a 4 pixel rgb(227, 244, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 244, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 244, 214);  
box-shadow:4px 4px 4px 4px rgb(227, 244,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 214, 244, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 244, 214) }
```

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

```
.background{ background-color: rgb(227,  
244, 214) }
```

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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