

Converting Colors

`RYB(214, 241, 222)`

Have a look what the booklet for RYB(214, 241, 222) contains.

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Color

R_YB(214, 241, 222)

Conversions

Conversions Part 1

Format	Color
Hex	E9F1D6
RGB	233, 241, 214
RGB Percent	91%, 95%, 84%
CMY	0.0863, 0.0549, 0.1608
CMYK	0.03, 0.00, 0.11, 0.05
HSL	78°, 49%, 89%
HSV	78°, 11%, 95%
XYZ	77.1972, 85.0893, 75.9735
YIQ	235.5300, 3.8990, -10.0930

Conversions

Conversions Part 2

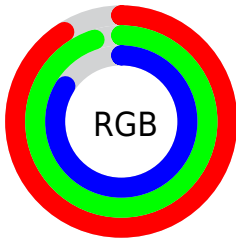
Format	Color
RYB	214, 241, 222
Decimal	15331798
CIELab	93.92, -7.29, 12.13
CIELCh	94, 14.153, 121.019
Yxy	85.0893, 0.3240, 0.3571
Android (android.graphics.Color)	4293521878 (0xFFE9F1D6)
YUV	235.5300, -10.6143, -2.2188
Hunter-Lab	92.2438, -12.0434, 15.7385

Details

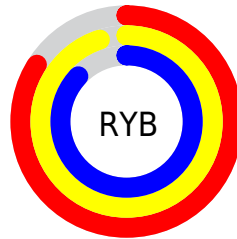
The RYB color **214, 241, 222** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **222, 214, 241**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 185, 167** is the 20% darker color. If you saturate the color by 10%, you get **190, 241, 205**, and if you desaturate by 10%, it is **238, 241, 239**.

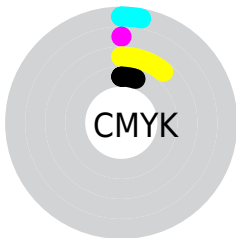
Distribution



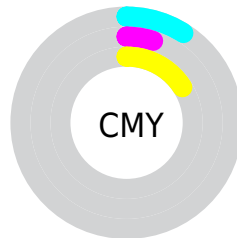
- Red (91%)
- Green (95%)
- Blue (84%)



- Red (84%)
- Yellow (95%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (9%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 241, 222 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, 241, 222 by changing the saturation by 10% instead.

■ 214, 241, 222

255, 255, 255

■ 214, 241, 222

■ 186, 213, 194

■ 159, 185, 167

■ 133, 158, 140

■ 108, 132, 115

■ 84, 107, 91

■ 60, 83, 67

■ 38, 60, 45

■ 18, 38, 25

■ 0, 18, 15

 214, 241, 222

 214, 241, 222

 190, 241, 205

 238, 241, 239

 166, 241, 188

 247, 241, 255

 142, 241, 171

 254, 241, 255

 118, 241, 155

 255, 241, 255

 94, 241, 138

 69, 241, 120

 45, 241, 103

 21, 241, 86

 0, 241, 71

Harmonies

Analogous

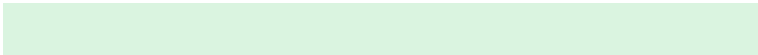
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 248, 210



214, 241, 222



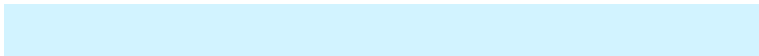
218, 239, 244

Triad

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



214, 241, 222



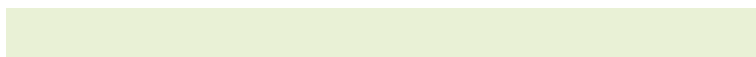
210, 229, 255



255, 228, 238

Complementary

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



214, 241, 222



222, 214, 241

Split Complementary

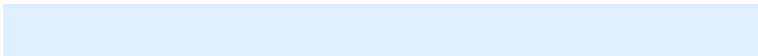
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 230, 251



214, 241, 222



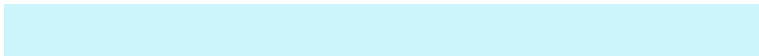
224, 234, 255

Square

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



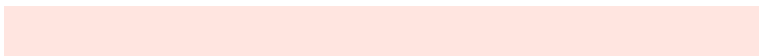
214, 241, 222



203, 225, 251



241, 234, 255



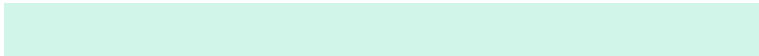
255, 230, 224

Rectangle

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



214, 241, 222



210, 231, 245



241, 234, 255



255, 229, 242

Sweetspot

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



214, 241, 222



247, 255, 249



241, 225, 214



122, 128, 124



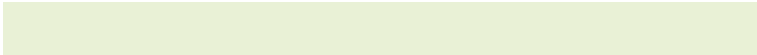
0, 0, 0



128, 128, 128

Same Dimension

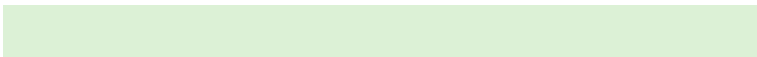
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214, 241, 222



222, 255, 232



214, 241, 235



108, 120, 112



0, 184, 55



0, 56, 17

Inverse Universe

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



222, 214, 241



232, 222, 255



235, 214, 241



111, 108, 120



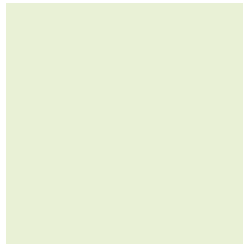
54, 0, 184



17, 0, 56

Previews

White Background



This preview shows how the RYB color 214, 241, 222 looks on a white background.

Color Contrast Check

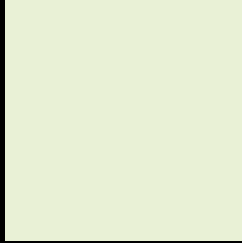
Large Text (above 18pt) WCAG AA × Fail

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, 241, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

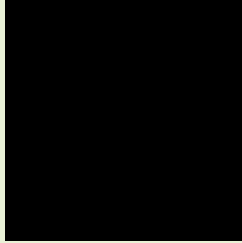
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

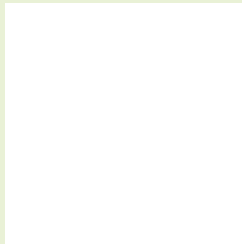
Any Text WCAG AAA ✓ Pass

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

RYB 214, 241, 222 Background



This preview shows how black text looks on a background with the RYB color 214, 241, 222.

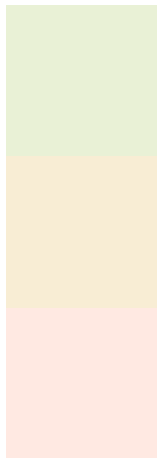


This preview shows how white text looks on a background with the RYB color 214, 241, 222.

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
[214, 241, 222](#)

Protanopia
[228, 248, 212](#)

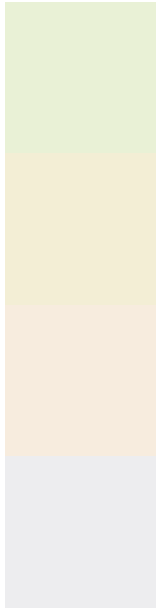
Deuteranopia
[255, 235, 226](#)



Tritanopia

239, 235, 254

Trichromacy



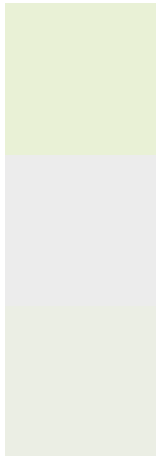
Original Color
214, 241, 222

Protanomaly
219, 243, 213

Deuteranomaly
242, 247, 222

Tritanomaly
237, 237, 239

Monochromacy



Original Color
214, 241, 222

Achromatopsia
236, 236, 236

Achromatomaly
228, 238, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 241, 222 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(233, 241, 214) looks like.

```
.text, #text, p{  
    color:rgb(233, 241, 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(233, 241, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 241, 214) }
```

Border

The CSS property to change the border of an element to RYB 214, 241, 222 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(233, 241, 214) }
```

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

```
.border{ border-color:rgb(233, 241, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 241, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 241, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 241, 214);  
box-shadow:4px 4px 4px 4px rgb(233, 241,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 214, 241, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 241, 214) }
```

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

```
.background{ background-color: rgb(233,  
241, 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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