

Converting Colors

`RYB(214, 238, 221)`

Have a look what the booklet for
RYB(214, 238, 221) contains.

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Color

R_YB(214, 238, 221)

Conversions

Conversions Part 1

Format	Color
Hex	E7EED6
RGB	231, 238, 214
RGB Percent	91%, 93%, 84%
CMY	0.0941, 0.0667, 0.1608
CMYK	0.03, 0.00, 0.10, 0.07
HSL	78°, 41%, 89%
HSV	78°, 10%, 93%
XYZ	75.6671, 82.9930, 75.6495
YIQ	233.1710, 3.5320, -8.9480

Conversions

Conversions Part 2

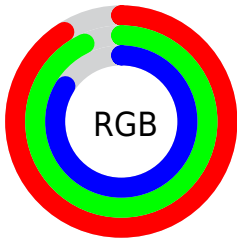
Format	Color
R _Y B	214, 238, 221
Decimal	15199958
CIE Lab	93.01, -6.47, 10.81
CIE LCh	93, 12.602, 120.906
Yxy	82.9930, 0.3229, 0.3542
Android (android.graphics.Color)	4293390038 (0xFFE7EED6)
YUV	233.1710, -9.4513, -1.9040
Hunter-Lab	91.1005, -11.1657, 14.5362

Details

The RYB color **214, 238, 221** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **221, 214, 238**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **159, 182, 166** is the 20% darker color. If you saturate the color by 10%, you get **190, 238, 204**, and if you desaturate by 10%, it is **238, 238, 238**.

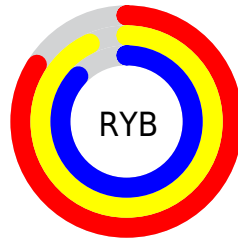
Distribution



Red (91%)

Green (93%)

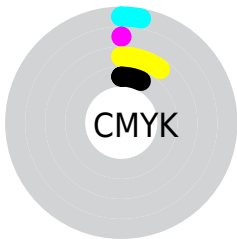
Blue (84%)



Red (84%)

Yellow (93%)

Blue (87%)

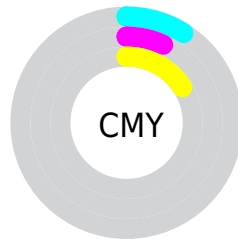


Cyan (3%)

Magenta (0%)

Yellow (10%)

Black (7%)



Cyan (9%)

Magenta (7%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 238, 221 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, 238, 221 by changing the saturation by 10% instead.

■ 214, 238, 221

255, 255, 255

■ 214, 238, 221

■ 186, 210, 193

■ 159, 182, 166

■ 133, 155, 139

■ 108, 129, 114

■ 84, 104, 90

■ 60, 80, 66

■ 39, 57, 45

■ 18, 36, 24

■ 0, 15, 15

 214, 238, 221

 214, 238, 221

 190, 238, 204

 238, 238, 238

 166, 238, 187

 245, 238, 255

 143, 238, 171

 252, 238, 255

 119, 238, 154

 255, 238, 255

 95, 238, 137

 71, 238, 120

 47, 238, 103

 24, 238, 87

 0, 238, 69

Harmonies

Analogous

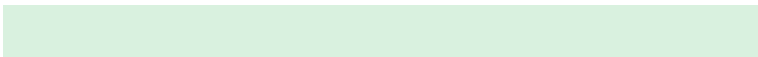
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227, 245, 211



214, 238, 221



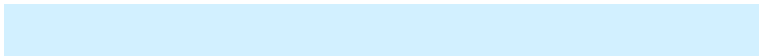
217, 236, 241

Triad

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



214, 238, 221



210, 228, 255



255, 227, 235

Complementary

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



214, 238, 221



221, 214, 238

Split Complementary

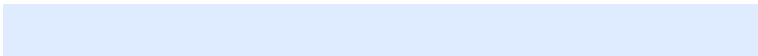
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 228, 247



214, 238, 221



223, 232, 255

Square

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



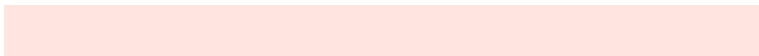
214, 238, 221



205, 225, 247



238, 232, 255



255, 229, 223

Rectangle

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



214, 238, 221



210, 229, 242



238, 232, 255



255, 227, 239

Sweetspot

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



214, 238, 221



247, 255, 249



238, 224, 214



122, 128, 124



0, 0, 0



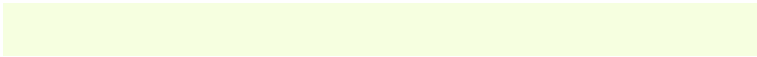
128, 128, 128

Same Dimension

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



214, 238, 221



224, 255, 233



214, 238, 233



108, 120, 112



0, 184, 54



0, 56, 16

Inverse Universe

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



221, 214, 238



233, 224, 255



233, 214, 238



111, 108, 120



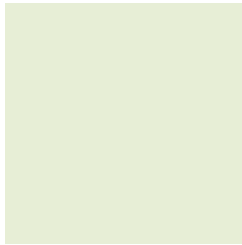
54, 0, 184



16, 0, 56

Previews

White Background



This preview shows how the RYB color 214, 238, 221 looks on a white background.

Color Contrast Check

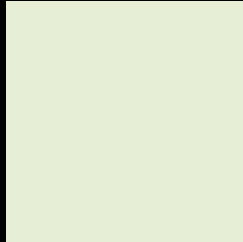
Large Text (above 18pt) WCAG AA × Fail

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, 238, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

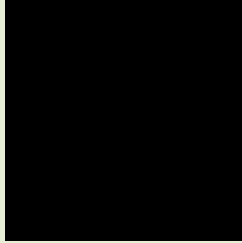
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

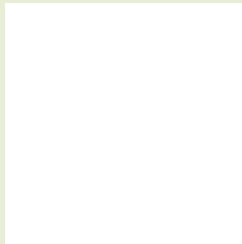
Any Text WCAG AAA ✓ Pass

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

RYB 214, 238, 221 Background



This preview shows how black text looks on a background with the RYB color 214, 238, 221.

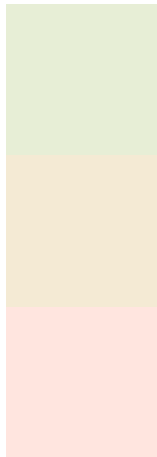


This preview shows how white text looks on a background with the RYB color 214, 238, 221.

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, 238, 221

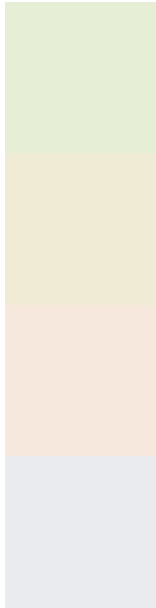
Protanopia
227, 244, 212

Deuteranopia
255, 230, 223



Tritanopia
236, 233, 251

Trichromacy



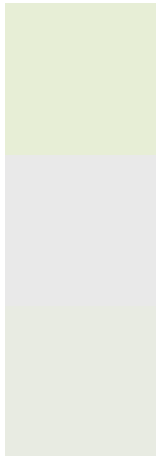
Original Color
214, 238, 221

Protanomaly
218, 239, 213

Deuteranomaly
246, 242, 220

Tritanomaly
234, 235, 238

Monochromacy



Original Color
214, 238, 221

Achromatopsia
233, 233, 233

Achromatomaly
226, 235, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 238, 221 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(231, 238, 214) looks like.

```
.text, #text, p{  
    color:rgb(231, 238, 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(231, 238, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 238, 214) }
```

Border

The CSS property to change the border of an element to RYB 214, 238, 221 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(231, 238, 214) }
```

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

```
.border{ border-color:rgb(231, 238, 214) }
```

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

Here you see how a box with a 4 pixel rgb(231, 238, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 238, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 238, 214);  
box-shadow:4px 4px 4px 4px rgb(231, 238,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 214, 238, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 238, 214) }
```

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

```
.background{ background-color: rgb(231,  
238, 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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