

Converting Colors

`RYB(214, 238, 223)`

Have a look what the booklet for
RYB(214, 238, 223) contains.

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Color

R_YB(214, 238, 223)

Conversions

Conversions Part 1

Format	Color
Hex	E5EED6
RGB	229, 238, 214
RGB Percent	90%, 93%, 84%
CMY	0.1020, 0.0667, 0.1608
CMYK	0.04, 0.00, 0.10, 0.07
HSL	82°, 41%, 89%
HSV	82°, 10%, 93%
XYZ	75.0252, 82.6621, 75.6195
YIQ	232.5730, 2.3400, -9.3720

Conversions

Conversions Part 2

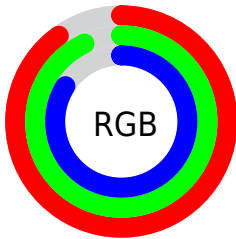
Format	Color
R _Y B	214, 238, 223
Decimal	15068886
CIE Lab	92.87, -7.16, 10.59
CIE LCh	93, 12.781, 124.079
Yxy	82.6621, 0.3216, 0.3543
Android (android.graphics.Color)	4293258966 (0xFFE5EED6)
YUV	232.5730, -9.1565, -3.1335
Hunter-Lab	90.9187, -11.8113, 14.3301

Details

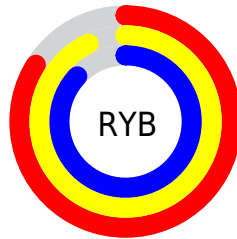
The RYB color **214, 238, 223** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **223, 214, 238**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **159, 182, 168** is the 20% darker color. If you saturate the color by 10%, you get **190, 238, 208**, and if you desaturate by 10%, it is **238, 238, 238**.

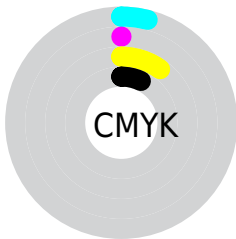
Distribution



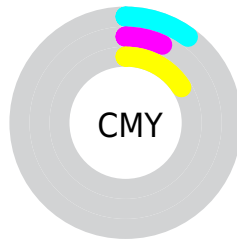
- Red (90%)
- Green (93%)
- Blue (84%)



- Red (84%)
- Yellow (93%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (7%)



- Cyan (10%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 238, 223 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, 223 by changing the saturation by 10% instead.

■ 214, 238, 223

255, 255, 255

■ 214, 238, 223

■ 186, 210, 195

■ 159, 182, 168

■ 133, 155, 141

■ 108, 129, 116

■ 84, 104, 92

■ 60, 80, 68

■ 39, 57, 46

■ 18, 36, 25

■ 0, 15, 15

 214, 238, 223

 214, 238, 223

 190, 238, 208

 238, 238, 238

 166, 238, 193

 247, 238, 255

 143, 238, 179

 255, 238, 255

 119, 238, 164

 95, 238, 149

 71, 238, 134

 47, 238, 118

 24, 238, 104

 0, 238, 89

Harmonies

Analogous

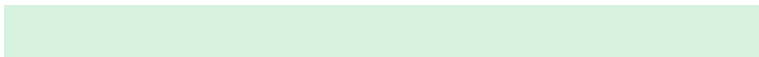
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222, 243, 210



214, 238, 223



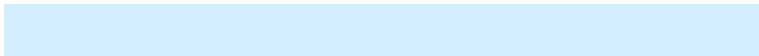
215, 235, 241

Triad

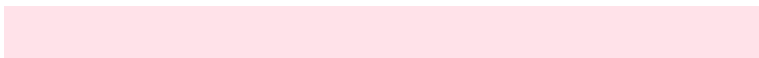
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214, 238, 223



211, 228, 255



255, 226, 233

Complementary

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



214, 238, 223



223, 214, 238

Split Complementary

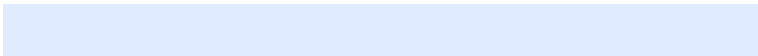
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252, 228, 245



214, 238, 223



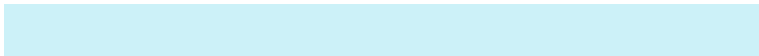
224, 232, 255

Square

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



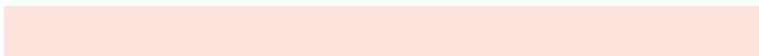
214, 238, 223



204, 224, 248



239, 231, 255



255, 228, 221

Rectangle

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



214, 238, 223



209, 228, 242



239, 231, 255



255, 226, 237

Sweetspot

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



214, 238, 223



247, 255, 250



238, 228, 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, 223



224, 255, 235



214, 238, 235



108, 120, 113



0, 184, 69



0, 56, 21

Inverse Universe

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



223, 214, 238



236, 224, 255



235, 214, 238



112, 108, 120



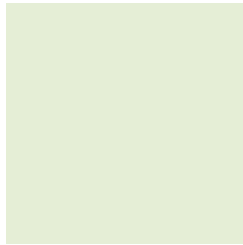
69, 0, 184



21, 0, 56

Previews

White Background



This preview shows how the RYB color 214, 238, 223 looks on a white background.

Color Contrast Check

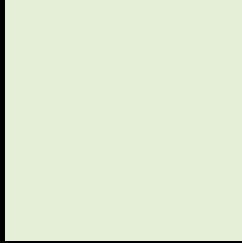
Large Text (above 18pt) WCAG AA × Fail

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, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

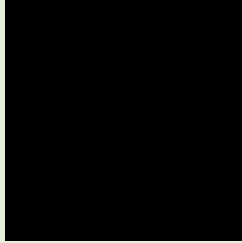
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

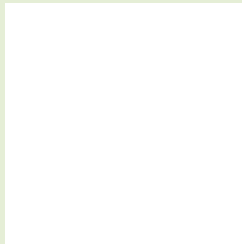
Any Text WCAG AAA ✓ Pass

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

RYB 214, 238, 223 Background



This preview shows how black text looks on a background with the RYB color 214, 238, 223.



This preview shows how white text looks on a background with the RYB color 214, 238, 223.

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](#).

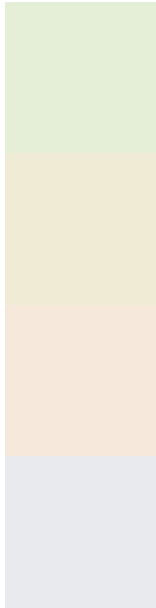
Dichromacy

	Original Color 214, 238, 223
	Protanopia 227, 244, 212
	Deuteranopia 255, 231, 222



Tritanopia
235, 233, 251

Trichromacy



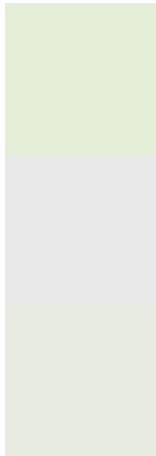
Original Color
214, 238, 223

Protanomaly
218, 239, 213

Deuteranomaly
246, 244, 219

Tritanomaly
233, 234, 238

Monochromacy



Original Color
214, 238, 223

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, 223 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(229, 238, 214) looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 238, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 238, 214) }
```

Border

The CSS property to change the border of an element to RYB 214, 238, 223 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(229, 238, 214) }
```

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

```
.border{ border-color:rgb(229, 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(229, 238, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 238, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 238, 214);  
box-shadow:4px 4px 4px 4px rgb(229, 238,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 214, 238, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 238, 214) }
```

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

```
.background{ background-color: rgb(229,  
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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