

Converting Colors

`RYB(212, 233, 219)`

Have a look what the booklet for
RYB(212, 233, 219) contains.

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Color

R_YB(212, 233, 219)

Conversions

Conversions Part 1

Format	Color
Hex	E2E9D4
RGB	226, 233, 212
RGB Percent	89%, 91%, 83%
CMY	0.1137, 0.0863, 0.1686
CMYK	0.03, 0.00, 0.09, 0.09
HSL	80°, 32%, 87%
HSV	80°, 9%, 91%
XYZ	72.3866, 79.2000, 73.7593
YIQ	228.5130, 2.5690, -8.0150

Conversions

Conversions Part 2

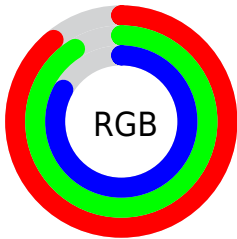
Format	Color
R_{YB}	212, 233, 219
Decimal	14870996
CIE Lab	91.32, -6.00, 9.39
CIE LCh	91, 11.145, 122.566
Yxy	79.2000, 0.3212, 0.3515
Android (android.graphics.Color)	4293061076 (0xFFE2E9D4)
YUV	228.5130, -8.1409, -2.2039
Hunter-Lab	88.9944, -10.5512, 13.1560

Details

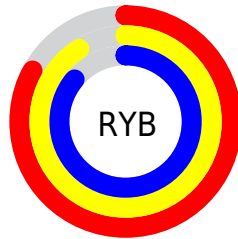
The RYB color **212, 233, 219** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **219, 212, 233**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **157, 177, 163** is the 20% darker color. If you saturate the color by 10%, you get **189, 233, 204**, and if you desaturate by 10%, it is **234, 233, 235**.

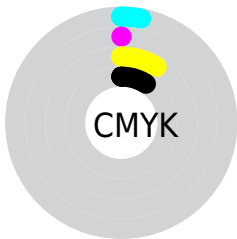
Distribution



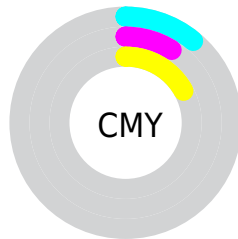
- Red (89%)
- Green (91%)
- Blue (83%)



- Red (83%)
- Yellow (91%)
- Blue (86%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 233, 219 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 212, 233, 219 by changing the saturation by 10% instead.

■ 212, 233, 219

255, 255, 255

■ 212, 233, 219

■ 184, 205, 191

■ 157, 177, 163

■ 131, 151, 138

■ 106, 125, 113

■ 82, 100, 88

■ 59, 76, 65

■ 37, 53, 42

■ 17, 32, 22

■ 0, 9, 9

 212, 233, 219

 212, 233, 219

 189, 233, 204

 234, 233, 235

 165, 233, 188

 242, 233, 255

 142, 233, 172

 249, 233, 255

 119, 233, 157

 255, 233, 255

 96, 233, 142

 72, 233, 126

 49, 233, 110

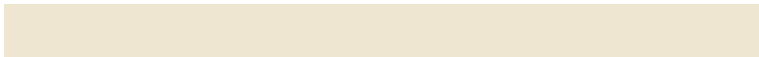
 26, 233, 95

 2, 233, 79

Harmonies

Analogous

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



220, 238, 209



212, 233, 219



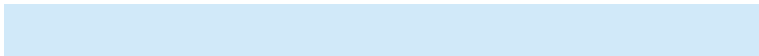
214, 231, 236

Triad

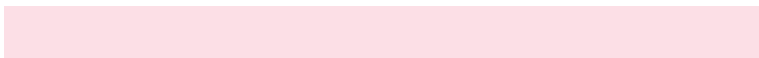
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 233, 219



209, 224, 249



252, 223, 230

Complementary

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



212, 233, 219



219, 212, 233

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.



245, 224, 240



212, 233, 219



220, 228, 251

Square

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



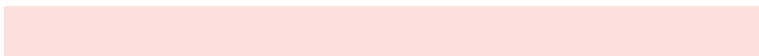
212, 233, 219



204, 221, 241



234, 227, 248



253, 225, 219

Rectangle

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



212, 233, 219



208, 225, 236



234, 227, 248



251, 223, 233

Sweetspot

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



212, 233, 219



247, 255, 250



233, 223, 212



122, 128, 124



0, 0, 0



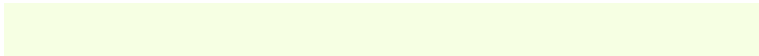
128, 128, 128

Same Dimension

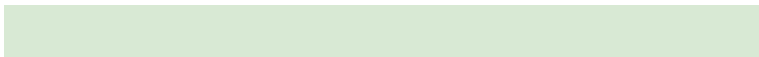
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212, 233, 219



227, 255, 236



212, 233, 229



106, 117, 110



0, 181, 60



0, 54, 18

Inverse Universe

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



219, 212, 233



236, 227, 255



230, 212, 233



109, 106, 117



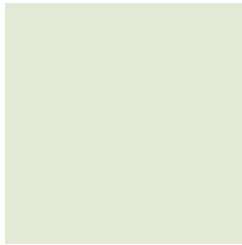
60, 0, 181



18, 0, 54

Previews

White Background



This preview shows how the RYB color 212, 233, 219 looks on a white background.

Color Contrast Check

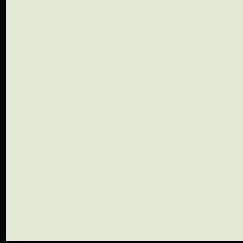
Large Text (above 18pt) WCAG AA × Fail

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 212, 233, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

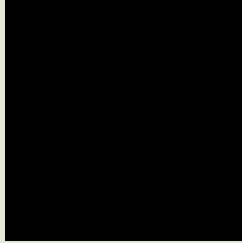
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

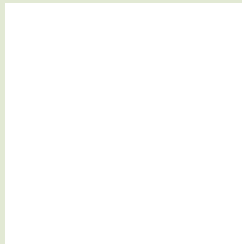
Any Text WCAG AAA ✓ Pass

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

RYB 212, 233, 219 Background



This preview shows how black text looks on a background with the RYB color 212, 233, 219.

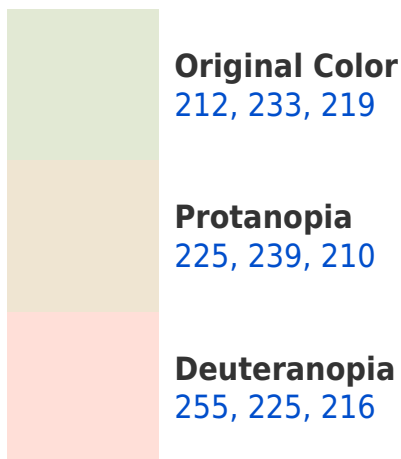


This preview shows how white text looks on a background with the RYB color 212, 233, 219.

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

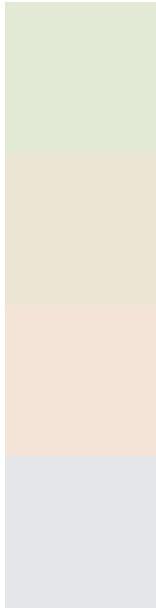




Tritanopia

231, 228, 246

Trichromacy



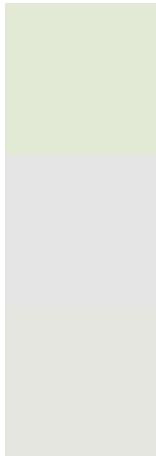
Original Color
212, 233, 219

Protanomaly
216, 234, 211

Deuteranomaly
244, 235, 215

Tritanomaly
229, 230, 234

Monochromacy



Original Color
212, 233, 219

Achromatopsia
229, 229, 229

Achromatomaly
223, 230, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 233, 219 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(226, 233, 212)` looks like.

```
.text, #text, p{  
    color:rgb(226, 233, 212)  
}
```

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(226, 233, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 233, 212) }
```

Border

The CSS property to change the border of an element to RYB 212, 233, 219 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(226, 233, 212) }
```

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

```
.border{ border-color:rgb(226, 233, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 233, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 233, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 233, 212);  
box-shadow:4px 4px 4px 4px rgb(226, 233,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 226, 233, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 233, 212) }
```

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

```
.background{ background-color: rgb(226,  
233, 212) }
```

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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