

Converting Colors

`RYB(218, 229, 234)`

Have a look what the booklet for RYB(218, 229, 234) contains.

RYB(218, 229, 234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RYB(218, 229, 234)

Conversions

Conversions Part 1

Format	Color
Hex	DAEAE1
RGB	218, 234, 225
RGB Percent	85%, 92%, 88%
CMY	0.1451, 0.0824, 0.1166
CMYK	0.07, 0.00, 0.04, 0.08
HSL	147°, 28%, 89%
HSV	147°, 7%, 92%
XYZ	71.9641, 79.2022, 82.9240
YIQ	228.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

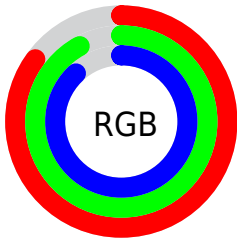
Format	Color
R _{YB}	218, 229, 234
Decimal	14346977
CIE Lab	91.33, -6.89, 2.40
CIE LCh	91, 7.299, 160.795
Yxy	79.2022, 0.3074, 0.3383
Android (android.graphics.Color)	4292537057 (0xFFDAEAE1)
YUV	228.1900, -1.5727, -8.9366
Hunter-Lab	88.9956, -11.4027, 7.0519

Details

The RYB color **218, 229, 234** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **234, 218, 227**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **163, 173, 178** is the 20% darker color. If you saturate the color by 10%, you get **195, 222, 234**, and if you desaturate by 10%, it is **241, 234, 238**.

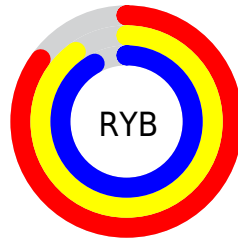
Distribution



Red (85%)

Green (92%)

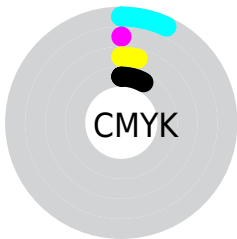
Blue (88%)



Red (85%)

Yellow (90%)

Blue (92%)

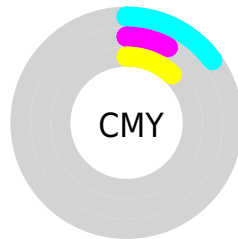


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (8%)



Cyan (15%)

Magenta (8%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 229, 234 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 218, 229, 234 by changing the saturation by 10% instead.

■ 218, 229, 234

255, 255, 255

■ 218, 229, 234

■ 190, 201, 206

■ 163, 173, 178

■ 137, 147, 152

■ 111, 121, 126

■ 87, 97, 101

■ 64, 73, 77

■ 41, 50, 54


■ 21, 29, 33


■ 0, 9, 9

 218, 229, 234

 218, 229, 234

 195, 222, 234

 241, 234, 238


 171, 214, 234


 255, 234, 251


 148, 207, 234


 255, 234, 255

 124, 200, 234

 101, 193, 234

 78, 185, 234

 54, 178, 234

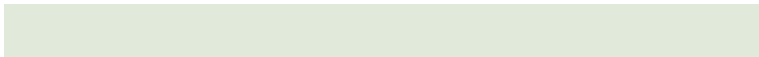
 31, 171, 234

 7, 163, 234

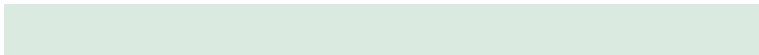
Harmonies

Analogous

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



219, 233, 227



218, 229, 234



214, 225, 234

Triad

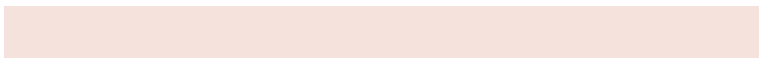
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 229, 234



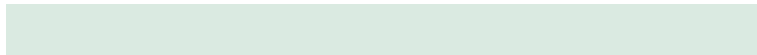
226, 229, 244



245, 227, 221

Complementary

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



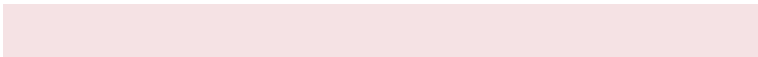
218, 229, 234



234, 218, 227

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, 226, 228



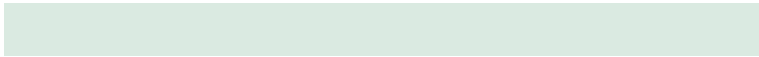
218, 229, 234



235, 228, 241

Square

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



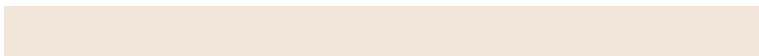
218, 229, 234



218, 227, 243



242, 226, 235



241, 237, 217

Rectangle

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



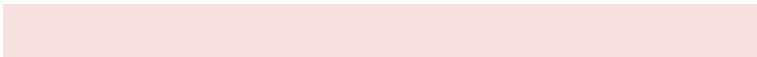
218, 229, 234



213, 224, 237



242, 226, 235



246, 226, 223

Sweetspot

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



218, 229, 234



250, 254, 255



218, 234, 225



125, 127, 128



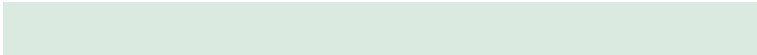
0, 0, 0



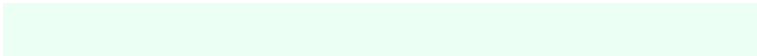
128, 128, 128

Same Dimension

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



218, 229, 234



235, 249, 255



218, 226, 234



106, 114, 117



0, 125, 181



0, 37, 54

Inverse Universe

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



234, 218, 227



255, 235, 246



234, 218, 219



117, 106, 112



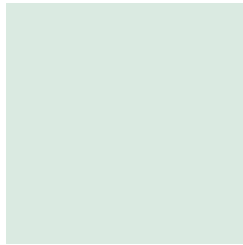
181, 0, 99



54, 0, 29

Previews

White Background



This preview shows how the RYB color 218, 229, 234 looks on a white background.

Color Contrast Check

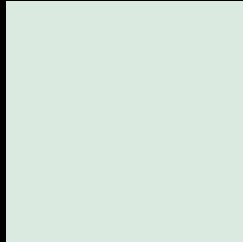
Large Text (above 18pt) WCAG AA × Fail

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 218, 229, 234 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

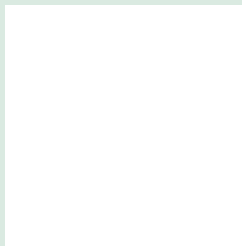
Any Text WCAG AAA ✓ Pass

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

R/Y/B 218, 229, 234 Background



This preview shows how black text looks on a background with the R/Y/B color 218, 229, 234.



This preview shows how white text looks on a background with the R/Y/B color 218, 229, 234.

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](#).

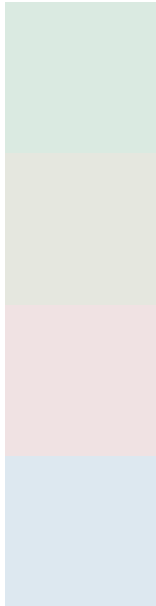
Dichromacy





Tritanopia
222, 228, 249

Trichromacy



Original Color

218, 229, 234

Protanomaly

223, 231, 225

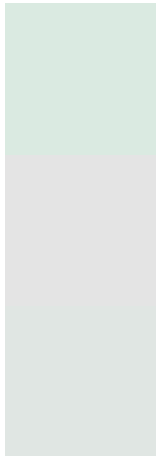
Deuteranomaly

240, 226, 227

Tritanomaly

221, 228, 240

Monochromacy



Original Color

218, 229, 234

Achromatopsia

228, 228, 228

Achromatomaly

224, 228, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 229, 234 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(218, 234, 225) looks like.

```
.text, #text, p{  
    color:rgb(218, 234, 225)  
}
```

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(218, 234, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 234, 225) }
```

Border

The CSS property to change the border of an element to RYB 218, 229, 234 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(218, 234, 225) }
```

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

```
.border{ border-color:rgb(218, 234, 225) }
```

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

Here you see how a box with a 4 pixel rgb(218, 234, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(218, 234,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 218, 229, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 234, 225) }
```

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

```
.background{ background-color: rgb(218,  
234, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor