

Converting Colors

`RYB(219, 229, 218)`

Have a look what the booklet for
RYB(219, 229, 218) contains.

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Color

R_YB(219, 229, 218)

Conversions

Conversions Part 1

Format	Color
Hex	E5E4DA
RGB	229, 228, 218
RGB Percent	90%, 89%, 85%
CMY	0.1020, 0.1056, 0.1451
CMYK	0.00, 0.00, 0.05, 0.10
HSL	55°, 17%, 88%
HSV	55°, 5%, 90%
XYZ	72.7343, 77.2526, 77.4074
YIQ	227.1590, 3.8060, -2.8980

Conversions

Conversions Part 2

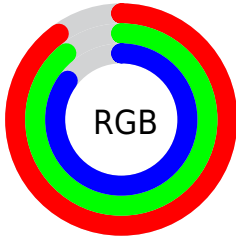
Format	Color
R_{YB}	219, 229, 218
Decimal	15066330
CIE _{Lab}	90.44, -1.45, 5.01
CIE _{LCh}	90, 5.218, 106.086
Yxy	77.2526, 0.3199, 0.3397
Android (android.graphics.Color)	4293256410 (0xFFE5E4DA)
YUV	227.1590, -4.5154, 1.6146
Hunter-Lab	87.8935, -6.0998, 9.3090

Details

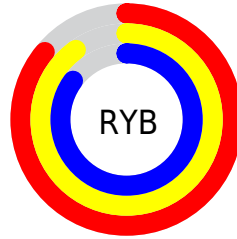
The RYB color **219, 229, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 219, 229**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 174, 163** is the 20% darker color. If you saturate the color by 10%, you get **198, 229, 195**, and if you desaturate by 10%, it is **229, 230, 241**.

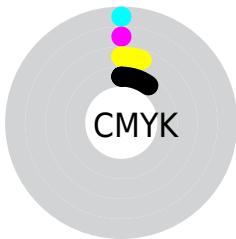
Distribution



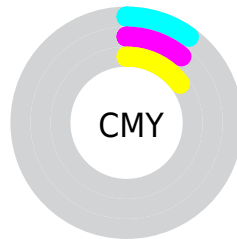
- Red (90%)
- Green (89%)
- Blue (85%)



- Red (86%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 229, 218 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 219, 229, 218 by changing the saturation by 10% instead.

■ 219, 229, 218

255, 255, 255

■ 219, 229, 218

■ 191, 201, 190

■ 164, 174, 163

■ 138, 147, 137

■ 113, 121, 112

■ 87, 96, 87

■ 65, 73, 64

■ 42, 50, 42

■ 22, 29, 22

■ 0, 3, 3

219, 229, 218

219, 229, 218

198, 229, 195

229, 230, 241

177, 229, 172

229, 232, 255

157, 229, 149

229, 233, 255

136, 229, 126

229, 235, 255

114, 229, 103

229, 236, 255

94, 229, 81

229, 237, 255

73, 229, 58

229, 237, 255

52, 229, 35

229, 238, 255

32, 229, 12

229, 239, 255

Harmonies

Analogous

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



234, 234, 218



219, 229, 218



221, 230, 228

Triad

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



219, 229, 218



217, 225, 235



237, 225, 230

Complementary

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



219, 229, 218



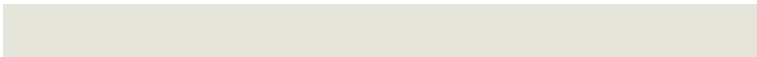
218, 219, 229

Split Complementary

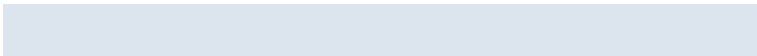
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232, 226, 235



219, 229, 218



220, 226, 237

Square

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



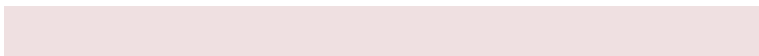
219, 229, 218



216, 224, 231



226, 227, 237



239, 224, 225

Rectangle

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



219, 229, 218



220, 228, 230



226, 227, 237



235, 225, 232

Sweetspot

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



219, 229, 218



252, 255, 252



229, 218, 219



128, 128, 126



0, 0, 0



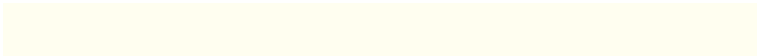
128, 128, 128

Same Dimension

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



219, 229, 218



241, 255, 240



218, 229, 223



108, 115, 107



16, 179, 0



4, 51, 0

Inverse Universe

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



218, 219, 229



240, 241, 255



223, 218, 229



107, 107, 115



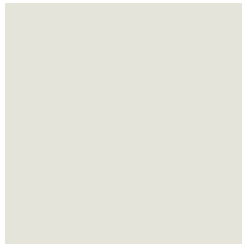
0, 14, 179



0, 4, 51

Previews

White Background



This preview shows how the RYB color 219, 229, 218 looks on a white background.

Color Contrast Check

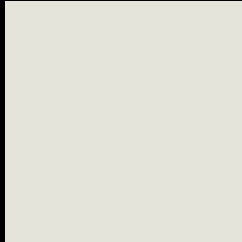
Large Text (above 18pt) WCAG AA × Fail

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 219, 229, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

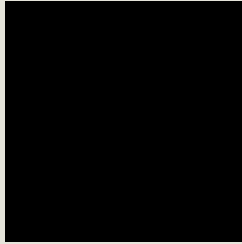
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

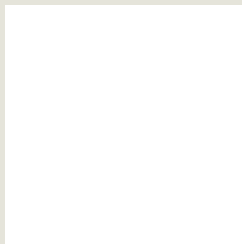
Any Text WCAG AAA ✓ Pass

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

RYB 219, 229, 218 Background



This preview shows how black text looks on a background with the RYB color 219, 229, 218.



This preview shows how white text looks on a background with the RYB color 219, 229, 218.

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](#).

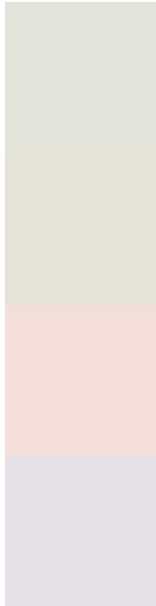
Dichromacy





Tritanopia
233, 224, 242

Trichromacy



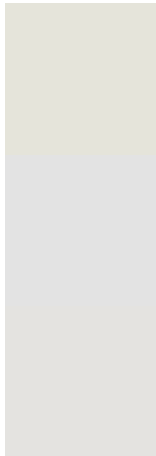
Original Color
219, 229, 218

Protanomaly
225, 232, 217

Deuteranomaly
244, 224, 219

Tritanomaly
232, 225, 233

Monochromacy



Original Color
219, 229, 218

Achromatopsia
227, 227, 227

Achromatomaly
225, 228, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 228, 218 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, 228, 218) looks like.

```
.text, #text, p{  
    color:rgb(229, 228, 218)  
}
```

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, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 228, 218) }
```

Border

The CSS property to change the border of an element to RYB 219, 229, 218 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, 228, 218) }
```

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

```
.border{ border-color:rgb(229, 228, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 228, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 228, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 228, 218);  
box-shadow:4px 4px 4px 4px rgb(229, 228,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 219, 229, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 228, 218) }
```

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

```
.background{ background-color: rgb(229,  
228, 218) }
```

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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