

Converting Colors

`RYB(218, 225, 229)`

Have a look what the booklet for RYB(218, 225, 229) contains.

RYB(218, 225, 229)	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

R_YB(218, 225, 229)

Conversions

Conversions Part 1

Format	Color
Hex	DAE5E0
RGB	218, 229, 224
RGB Percent	85%, 90%, 88%
CMY	0.1451, 0.1020, 0.1204
CMYK	0.05, 0.00, 0.02, 0.10
HSL	154°, 17%, 88%
HSV	154°, 5%, 90%
XYZ	70.4261, 76.3414, 81.7478
YIQ	225.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

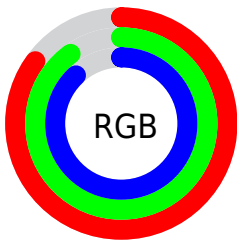
Format	Color
RYB	218, 225, 229
Decimal	14345696
CIELab	90.02, -4.52, 1.01
CIElCh	90, 4.637, 167.375
Yxy	76.3414, 0.3082, 0.3341
Android (android.graphics.Color)	4292535776 (0xFFDAE5E0)
YUV	225.1410, -0.5625, -6.2627
Hunter-Lab	87.3736, -9.0266, 5.6890

Details

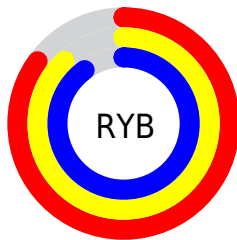
The RYB color **218, 225, 229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **229, 218, 223**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 170, 174** is the 20% darker color. If you saturate the color by 10%, you get **195, 217, 229**, and if you desaturate by 10%, it is **241, 229, 234**.

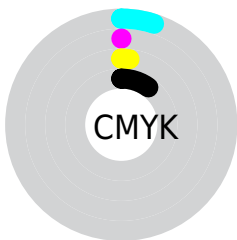
Distribution



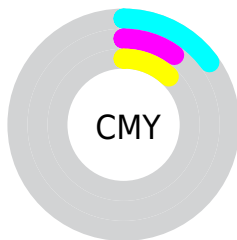
- Red (85%)
- Green (90%)
- Blue (88%)



- Red (85%)
- Yellow (88%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 218, 225, 229 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, 225, 229 by changing the saturation by 10% instead.

■ 218, 225, 229

255, 255, 255

■ 218, 225, 229

■ 190, 197, 201

■ 163, 170, 174

■ 137, 143, 147

■ 111, 117, 121

■ 87, 93, 96

■ 64, 70, 73

■ 42, 47, 50


■ 21, 26, 29

■ 0, 0, 0

 218, 225, 229

 218, 225, 229

 195, 217, 229


 241, 229, 234

 172, 208, 229


 255, 229, 244


 149, 200, 229


 255, 229, 254


 126, 191, 229


 255, 229, 255

 103, 183, 229

 81, 175, 229

 58, 167, 229

 35, 158, 229

 12, 150, 229

Harmonies

Analogous

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



220, 228, 226



218, 225, 229



216, 223, 229

Triad

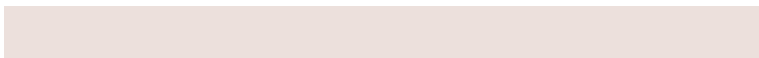
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 225, 229



225, 226, 235



236, 225, 220

Complementary

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



218, 225, 229



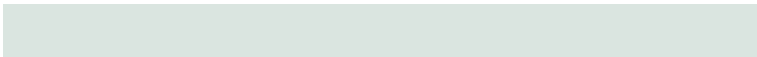
229, 218, 223

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.



236, 224, 224



218, 225, 229



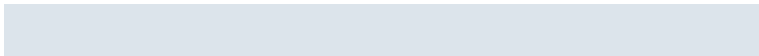
230, 225, 232

Square

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



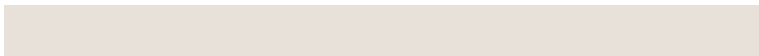
218, 225, 229



220, 225, 235



235, 224, 228



232, 232, 218

Rectangle

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



218, 225, 229



216, 223, 232



235, 224, 228



236, 225, 221

Sweetspot

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



218, 225, 229



252, 254, 255



218, 229, 224



126, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



218, 225, 229



240, 250, 255



218, 223, 229



107, 112, 115



0, 114, 179



0, 33, 51

Inverse Universe

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



229, 218, 223



255, 240, 246



229, 219, 218



115, 107, 110



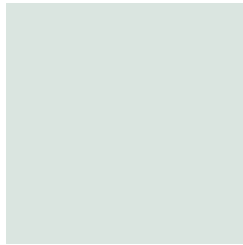
179, 0, 77



51, 0, 22

Previews

White Background



This preview shows how the RYB color 218, 225, 229 looks on a white background.

Color Contrast Check

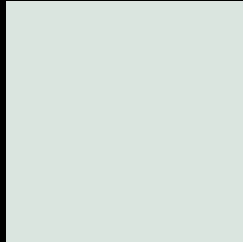
Large Text (above 18pt) WCAG AA × Fail

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, 225, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

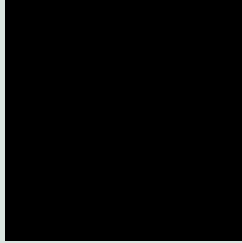
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

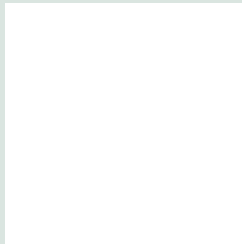
Any Text WCAG AAA ✓ Pass

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

RYB 218, 225, 229 Background



This preview shows how black text looks on a background with the RYB color 218, 225, 229.



This preview shows how white text looks on a background with the RYB color 218, 225, 229.

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](#).

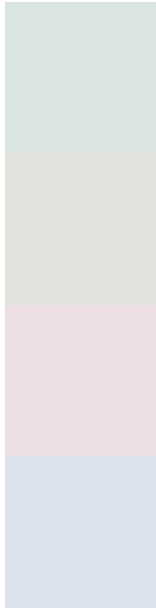
Dichromacy





Tritanopia
221, 225, 244

Trichromacy



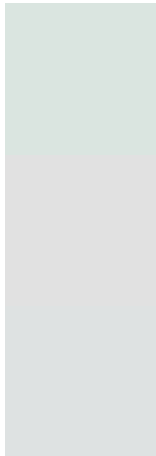
Original Color
218, 225, 229

Protanomaly
223, 226, 223

Deuteranomaly
237, 223, 225

Tritanomaly
220, 225, 237

Monochromacy



Original Color
218, 225, 229

Achromatopsia
225, 225, 225

Achromatomaly
222, 224, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 218, 225, 229 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, 229, 224)` looks like.

```
.text, #text, p{  
    color:rgb(218, 229, 224)  
}
```

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, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 229, 224) }
```

Border

The CSS property to change the border of an element to RYB 218, 225, 229 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, 229, 224) }
```

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

```
.border{ border-color:rgb(218, 229, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 229, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 229, 224); box-shadow:4px 4px 4px 4px rgb(218, 229, 224) }
```

Background

The CSS property to change the background color of an element to RGB 218, 225, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 229, 224) }
```

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

```
.background{ background-color: rgb(218,  
229, 224) }
```

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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