

Converting Colors

`RYB(210, 218, 234)`

Have a look what the booklet for
RYB(210, 218, 234) contains.

RYB(210, 218, 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

$\text{RYB}(210, 218, 234)$

Conversions

Conversions Part 1

Format	Color
Hex	D2DEEA
RGB	210, 222, 234
RGB Percent	82%, 87%, 92%
CMY	0.1765, 0.1294, 0.0824
CMYK	0.10, 0.05, 0.00, 0.08
HSL	210°, 36%, 87%
HSV	210°, 10%, 92%
XYZ	67.5509, 71.8847, 88.1567
YIQ	219.7800, -11.0040, 1.1880

Conversions

Conversions Part 2

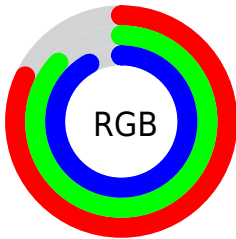
Format	Color
R _Y B	210, 218, 234
Decimal	13819626
CIE Lab	87.91, -1.70, -7.25
CIE LCh	88, 7.442, 256.825
Yxy	71.8847, 0.2968, 0.3158
Android (android.graphics.Color)	4292009706 (0xFFD2DEEA)
YUV	219.7800, 7.0105, -8.5771
Hunter-Lab	84.7848, -6.1566, -2.2986

Details

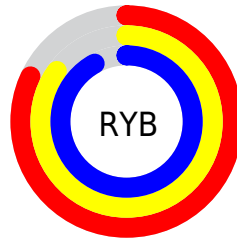
The RYB color **210, 218, 234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **234, 234, 210**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 163, 178** is the 20% darker color. If you saturate the color by 10%, you get **187, 202, 234**, and if you desaturate by 10%, it is **233, 234, 234**.

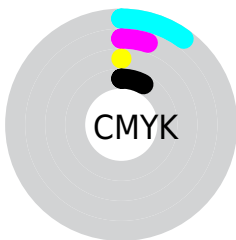
Distribution



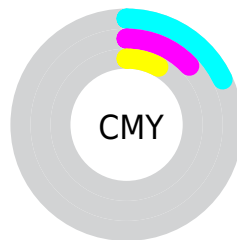
- Red (82%)
- Green (87%)
- Blue (92%)



- Red (82%)
- Yellow (85%)
- Blue (92%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (18%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 218, 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 210, 218, 234 by changing the saturation by 10% instead.

■ 210, 218, 234

255, 255, 255

■ 210, 218, 234

■ 182, 190, 206

■ 155, 163, 178

■ 129, 137, 152

■ 104, 111, 126

■ 80, 87, 101

■ 57, 64, 77

■ 35, 42, 54

■ 14, 21, 33

■ 0, 0, 9

 210, 218, 234


 210, 218, 234

 187, 202, 234

 233, 234, 234

 163, 187, 234

 253, 255, 234

 140, 171, 234

 234, 255, 234

 116, 155, 234

 93, 140, 234

 70, 125, 234

 46, 109, 234

 23, 93, 234

 0, 78, 234

Harmonies

Analogous

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



205, 216, 230



210, 218, 234



218, 220, 234

Triad

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



210, 218, 234



236, 216, 217



211, 223, 220

Complementary

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



210, 218, 234



234, 234, 210

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.



208, 222, 207



210, 218, 234



235, 220, 210

Square

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



210, 218, 234



233, 216, 224



228, 230, 207



207, 219, 225

Rectangle

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



210, 218, 234



224, 218, 232



228, 230, 207



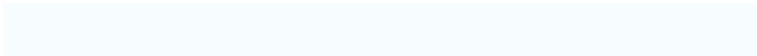
209, 223, 215

Sweetspot

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



210, 218, 234



247, 250, 255



210, 226, 234



122, 124, 128



0, 0, 0



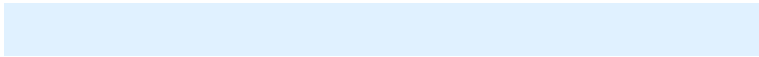
128, 128, 128

Same Dimension

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



210, 218, 234



224, 235, 255



210, 210, 234



106, 109, 117



0, 61, 181



0, 18, 54

Inverse Universe

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



234, 210, 222



255, 224, 240



210, 234, 210



117, 106, 111



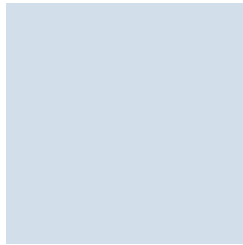
181, 0, 91



54, 0, 27

Previews

White Background



This preview shows how the RYB color 210, 218, 234 looks on a white background.

Color Contrast Check

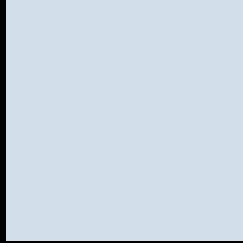
Large Text (above 18pt) WCAG AA × Fail

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 210, 218, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

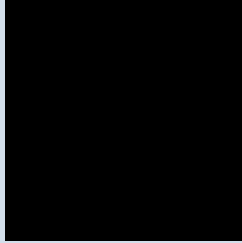
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

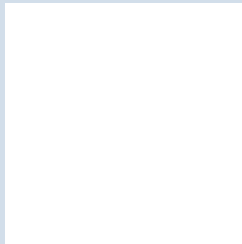
Any Text WCAG AAA ✓ Pass

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

RYB 210, 218, 234 Background



This preview shows how black text looks on a background with the RYB color 210, 218, 234.



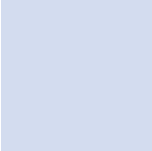
This preview shows how white text looks on a background with the RYB color 210, 218, 234.

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](#).

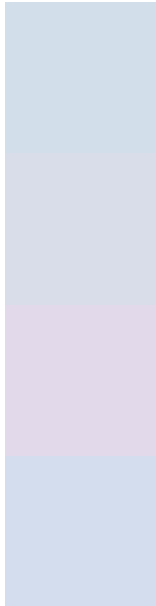
Dichromacy





Tritanopia
211, 218, 239

Trichromacy



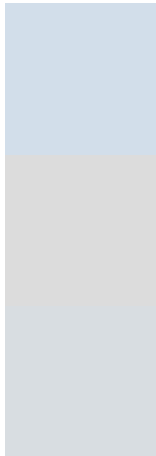
Original Color
210, 218, 234

Protanomaly
217, 220, 233

Deuteranomaly
226, 217, 235

Tritanomaly
211, 218, 237

Monochromacy



Original Color
210, 218, 234

Achromatopsia
220, 220, 220

Achromatomaly
216, 219, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 218, 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(210, 222, 234) looks like.

```
.text, #text, p{  
    color:rgb(210, 222, 234)  
}
```

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(210, 222, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 222, 234) }
```

Border

The CSS property to change the border of an element to RYB 210, 218, 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(210, 222, 234) }
```

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

```
.border{ border-color:rgb(210, 222, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 222, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 222, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 222, 234);  
box-shadow:4px 4px 4px 4px rgb(210, 222,  
234) }
```

Background

The CSS property to change the background color of an element to RYB 210, 218, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 222, 234) }
```

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

```
.background{ background-color: rgb(210,  
222, 234) }
```

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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