

Converting Colors

`RYB(198, 213, 237)`

Have a look what the booklet for RYB(198, 213, 237) contains.

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Color

`RYB(198, 213, 237)`

Conversions

Conversions Part 1

Format	Color
Hex	C6DEED
RGB	198, 222, 237
RGB Percent	78%, 87%, 93%
CMY	0.2235, 0.1279, 0.0706
CMYK	0.16, 0.06, 0.00, 0.07
HSL	202°, 52%, 85%
HSV	202°, 16%, 93%
XYZ	64.7958, 70.5622, 90.3255
YIQ	216.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

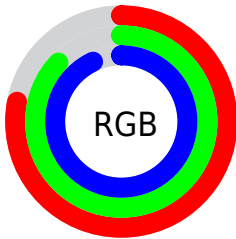
Format	Color
R _{YB}	198, 213, 237
Decimal	13033197
CIE Lab	87.27, -5.08, -9.87
CIE LCh	87, 11.100, 242.746
Yxy	70.5622, 0.2871, 0.3127
Android (android.graphics.Color)	4291223277 (0xFFC6DEED)
YUV	216.5340, 10.0897, -16.2543
Hunter-Lab	84.0013, -9.3134, -4.9529

Details

The RYB color **198, 213, 237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **237, 222, 198**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **144, 158, 181** is the 20% darker color. If you saturate the color by 10%, you get **174, 198, 237**, and if you desaturate by 10%, it is **222, 228, 237**.

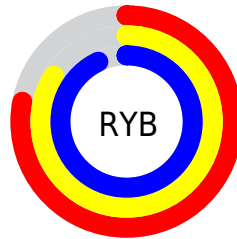
Distribution



Red (78%)

Green (87%)

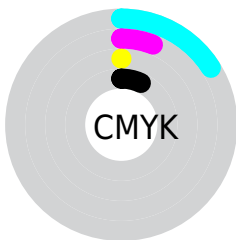
Blue (93%)



Red (78%)

Yellow (84%)

Blue (93%)

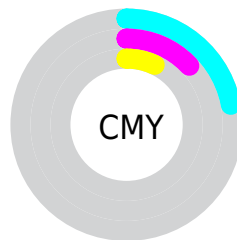


Cyan (16%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 213, 237 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 198, 213, 237 by changing the saturation by 10% instead.

■ 198, 213, 237

255, 255, 255

■ 198, 213, 237

■ 171, 185, 209

■ 144, 158, 181

■ 118, 132, 154

■ 93, 107, 128

■ 68, 82, 103

■ 45, 58, 79


■ 23, 36, 56

■ 0, 15, 35


■ 0, 0, 12

 198, 213, 237


 198, 213, 237

 174, 198, 237


 222, 228, 237

 151, 184, 237


 245, 242, 237


 127, 169, 237


 246, 255, 237

 103, 155, 237


 237, 255, 237

 80, 140, 237

 56, 126, 237

 32, 111, 237

 8, 96, 237

 0, 91, 237

Harmonies

Analogous

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



193, 210, 230



198, 213, 237



209, 217, 239

Triad

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



198, 213, 237



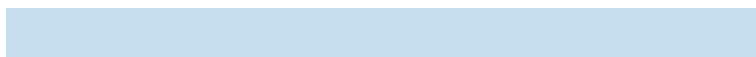
241, 212, 218



201, 222, 208

Complementary

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



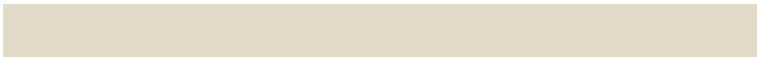
198, 213, 237



237, 222, 198

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.



211, 227, 198



198, 213, 237



241, 213, 208

Square

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



198, 213, 237



234, 213, 228



236, 226, 200



203, 219, 224

Rectangle

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



198, 213, 237



218, 217, 238



236, 226, 200



199, 220, 200

Sweetspot

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



198, 213, 237



242, 247, 255



198, 227, 237



120, 123, 128



0, 0, 0



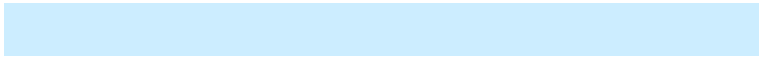
128, 128, 128

Same Dimension

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



198, 213, 237



204, 224, 255



198, 202, 237



106, 110, 117



0, 70, 181



0, 20, 54

Inverse Universe

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



237, 198, 222



255, 204, 236



204, 237, 198



117, 106, 113



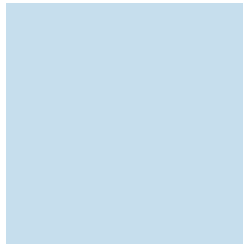
181, 0, 113



54, 0, 33

Previews

White Background



This preview shows how the RYB color 198, 213, 237 looks on a white background.

Color Contrast Check

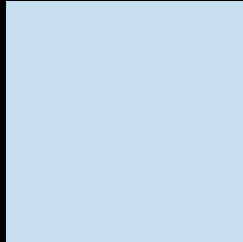
Large Text (above 18pt) WCAG AA × Fail

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 198, 213, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

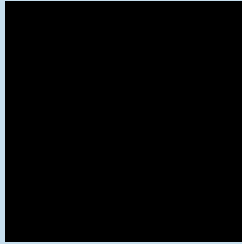
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

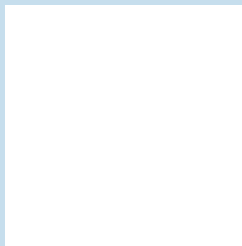
Any Text WCAG AAA ✓ Pass

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

RYB 198, 213, 237 Background



This preview shows how black text looks on a background with the RYB color 198, 213, 237.



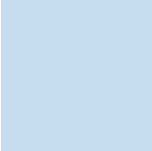
This preview shows how white text looks on a background with the RYB color 198, 213, 237.

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](#).

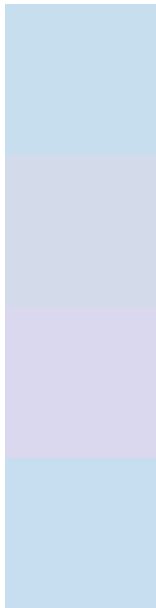
Dichromacy





Tritanopia
198, 213, 240

Trichromacy



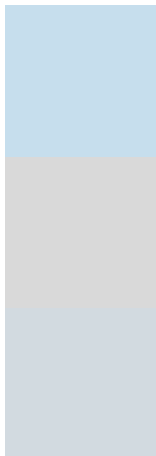
Original Color
198, 213, 237

Protanomaly
211, 217, 235

Deuteranomaly
218, 216, 238

Tritanomaly
198, 213, 239

Monochromacy



Original Color
198, 213, 237

Achromatopsia
217, 217, 217

Achromatomaly
210, 215, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 213, 237 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(198, 222, 237)` looks like.

```
.text, #text, p{  
    color:rgb(198, 222, 237)  
}
```

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(198, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 222, 237) }
```

Border

The CSS property to change the border of an element to RYB 198, 213, 237 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(198, 222, 237) }
```

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

```
.border{ border-color:rgb(198, 222, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 222, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(198, 222,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 198, 213, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 222, 237) }
```

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

```
.background{ background-color: rgb(198,  
222, 237) }
```

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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