

Converting Colors

`RYB(198, 220, 241)`

Have a look what the booklet for
RYB(198, 220, 241) contains.

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Color

R_YB(198, 220, 241)

Conversions

Conversions Part 1

Format	Color
Hex	C6F1EF
RGB	198, 241, 239
RGB Percent	78%, 95%, 94%
CMY	0.2235, 0.0549, 0.0626
CMYK	0.18, 0.00, 0.01, 0.05
HSL	177°, 61%, 86%
HSV	177°, 18%, 95%
XYZ	70.3307, 81.1510, 93.6535
YIQ	227.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

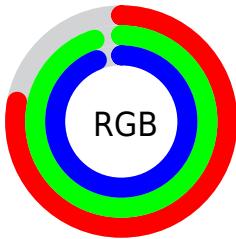
Format	Color
R_{YB}	198, 220, 241
Decimal	13038063
CIE _{Lab}	92.20, -14.13, -3.65
CIE _{LCh}	92, 14.596, 194.496
Yxy	81.1510, 0.2869, 0.3310
Android (android.graphics.Color)	4291228143 (0xFFC6F1EF)
YUV	227.9150, 5.4649, -26.2355
Hunter-Lab	90.0839, -18.2874, 1.4193

Details

The RYB color **198, 220, 241** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **241, 198, 200**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **143, 165, 185** is the 20% darker color. If you saturate the color by 10%, you get **174, 208, 241**, and if you desaturate by 10%, it is **222, 232, 241**.

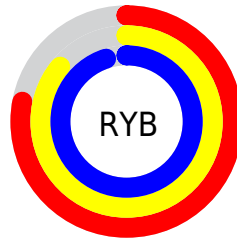
Distribution



Red (78%)

Green (95%)

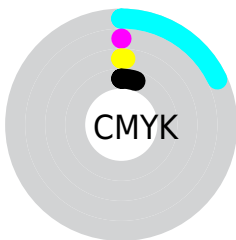
Blue (94%)



Red (78%)

Yellow (86%)

Blue (95%)

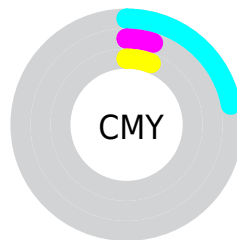


Cyan (18%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (22%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 220, 241 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, 220, 241 by changing the saturation by 10% instead.

■ 198, 220, 241

255, 255, 255

■ 198, 220, 241

■ 170, 192, 213

■ 143, 165, 185

■ 117, 138, 158

■ 92, 113, 132

■ 67, 87, 106

■ 43, 63, 82

■ 19, 39, 59

■ 0, 19, 37


■ 0, 8, 16

 198, 220, 241

 198, 220, 241

 174, 208, 241

 222, 232, 241

 150, 197, 241


 246, 241, 241

 126, 185, 241


 255, 241, 242

 102, 173, 241


 255, 241, 243

 78, 161, 241

 255, 241, 245

 53, 149, 241

 255, 241, 246

 29, 138, 241

 255, 241, 247

 5, 126, 241

 255, 241, 248

 0, 123, 241

 255, 241, 249

Harmonies

Analogous

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



206, 228, 240



198, 220, 241



199, 222, 252

Triad

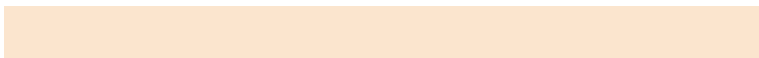
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198, 220, 241



244, 227, 253



249, 251, 206

Complementary

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



198, 220, 241



241, 198, 200

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.



255, 229, 214



198, 220, 241



255, 224, 240

Square

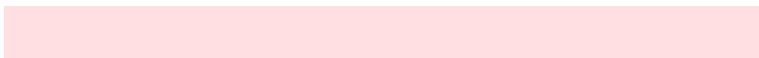
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



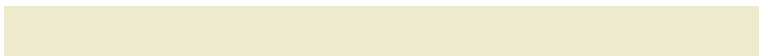
198, 220, 241



226, 230, 255



255, 223, 226



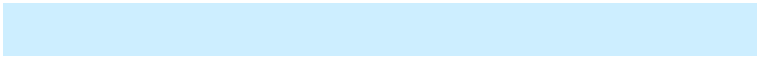
208, 237, 205

Rectangle

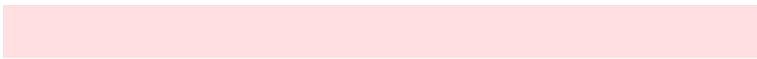
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



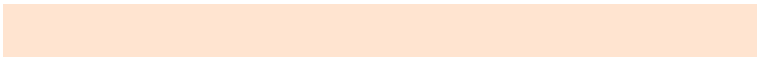
198, 220, 241



205, 225, 255



255, 223, 226



255, 243, 208

Sweetspot

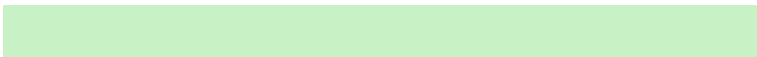
The Sweet Spot groups the original color and five complimentary colors.



198, 220, 241



242, 249, 255



198, 241, 239



120, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 220, 241



201, 229, 255



198, 213, 241



108, 114, 120



0, 94, 184



0, 29, 56

Inverse Universe

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



241, 198, 200



255, 201, 204



241, 232, 198



120, 108, 108



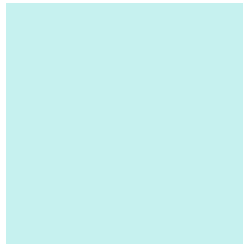
184, 0, 8



56, 0, 3

Previews

White Background



This preview shows how the RYB color 198, 220, 241 looks on a white background.

Color Contrast Check

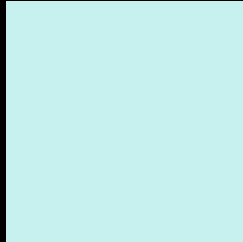
Large Text (above 18pt) WCAG AA × Fail

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, 220, 241 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, 220, 241 Background



This preview shows how black text looks on a background with the RYB color 198, 220, 241.



This preview shows how white text looks on a background with the RYB color 198, 220, 241.

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](#).

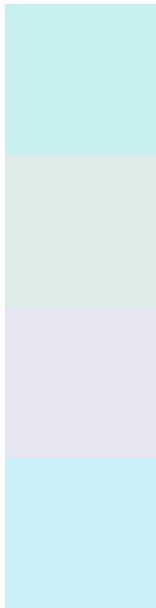
Dichromacy





Tritanopia
205, 225, 255

Trichromacy



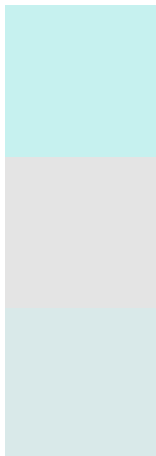
Original Color
198, 220, 241

Protanomaly
222, 229, 235

Deuteranomaly
231, 231, 241

Tritanomaly
202, 223, 249

Monochromacy



Original Color
198, 220, 241

Achromatopsia
228, 228, 228

Achromatomaly
217, 225, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 220, 241 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, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(198, 241, 239)  
}
```

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, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 241, 239) }
```

Border

The CSS property to change the border of an element to RYB 198, 220, 241 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, 241, 239) }
```

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

```
.border{ border-color:rgb(198, 241, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(198, 241,  
239) }
```

Background

The CSS property to change the background color of an element to RYB 198, 220, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 241, 239) }
```

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

```
.background{ background-color: rgb(198,  
241, 239) }
```

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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