

Converting Colors

`RYB(198, 240, 219)`

Have a look what the booklet for
RYB(198, 240, 219) contains.

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Color

R_YB(198, 240, 219)

Conversions

Conversions Part 1

Format	Color
Hex	DBF0C6
RGB	219, 240, 198
RGB Percent	86%, 94%, 78%
CMY	0.1412, 0.0588, 0.2235
CMYK	0.09, 0.00, 0.17, 0.06
HSL	90°, 58%, 86%
HSV	90°, 17%, 94%
XYZ	70.5665, 81.4575, 65.4297
YIQ	228.9330, 0.9660, -17.5140

Conversions

Conversions Part 2

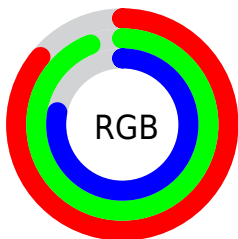
Format	Color
RYB	198, 240, 219
Decimal	14414022
CIELab	92.33, -14.21, 18.01
CIELCh	92, 22.944, 128.276
Yxy	81.4575, 0.3245, 0.3746
Android (android.graphics.Color)	4292604102 (0xFFDBF0C6)
YUV	228.9330, -15.2500, -8.7112
Hunter-Lab	90.2538, -18.3807, 20.1952

Details

The RYB color **198, 240, 219** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **219, 198, 240**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **144, 184, 164** is the 20% darker color. If you saturate the color by 10%, you get **174, 240, 207**, and if you desaturate by 10%, it is **222, 240, 231**.

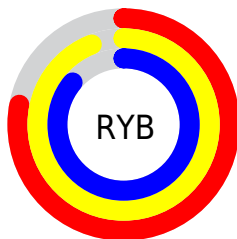
Distribution



Red (86%)

Green (94%)

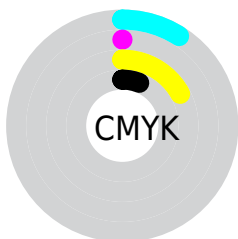
Blue (78%)



Red (78%)

Yellow (94%)

Blue (86%)

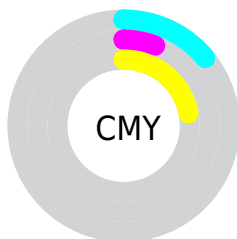


Cyan (9%)

Magenta (0%)

Yellow (17%)

Black (6%)



Cyan (14%)

Magenta (6%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 240, 219 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, 240, 219 by changing the saturation by 10% instead.

■ 198, 240, 219

255, 255, 255

■ 198, 240, 219

■ 171, 212, 192

■ 144, 184, 164

■ 118, 157, 138

■ 93, 131, 112

■ 70, 106, 89

■ 47, 82, 66

■ 26, 58, 43

■ 0, 37, 16

■ 0, 15, 15

 198, 240, 219

 198, 240, 219

 174, 240, 207

 222, 240, 231

 150, 240, 195

 243, 240, 246

 126, 240, 183

 255, 240, 255

 102, 240, 171

 78, 240, 159

 54, 240, 147

 30, 240, 135

 6, 240, 123

 0, 240, 120

Harmonies

Analogous

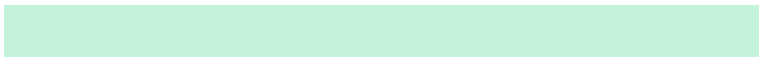
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203, 244, 189



198, 240, 219



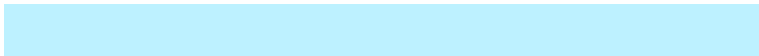
195, 229, 244

Triad

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



198, 240, 219



189, 218, 255



255, 218, 228

Complementary

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



198, 240, 219



219, 198, 240

Split Complementary

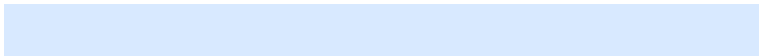
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 220, 250



198, 240, 219



216, 228, 255

Square

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



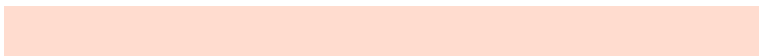
198, 240, 219



175, 212, 255



245, 225, 255



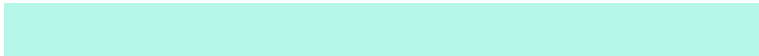
255, 225, 207

Rectangle

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



198, 240, 219



182, 218, 246



245, 225, 255



255, 218, 235

Sweetspot

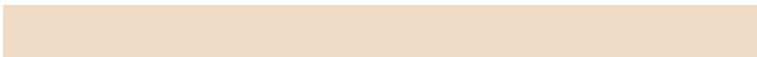
The Sweet Spot groups the original color and five complimentary colors.



198, 240, 219



242, 255, 248



240, 240, 198



120, 128, 124



0, 0, 0



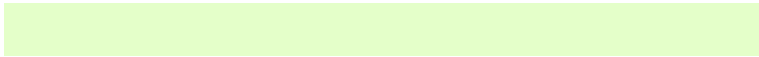
128, 128, 128

Same Dimension

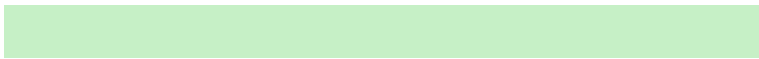
The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 240, 219



201, 255, 228



198, 240, 240



108, 120, 114



0, 184, 92



0, 56, 28

Inverse Universe

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



219, 198, 240



228, 201, 255



240, 198, 240



114, 108, 120



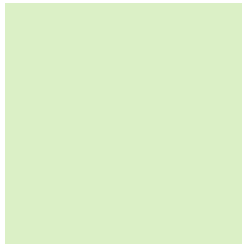
92, 0, 184



28, 0, 56

Previews

White Background



This preview shows how the RYB color 198, 240, 219 looks on a white background.

Color Contrast Check

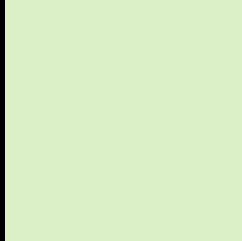
Large Text (above 18pt) WCAG AA × Fail

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, 240, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

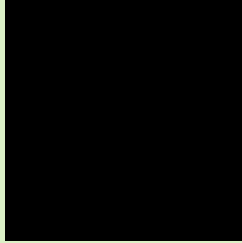
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

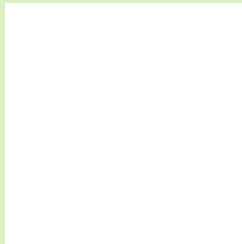
Any Text WCAG AAA ✓ Pass

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

RYB 198, 240, 219 Background



This preview shows how black text looks on a background with the RYB color 198, 240, 219.



This preview shows how white text looks on a background with the RYB color 198, 240, 219.

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](#).

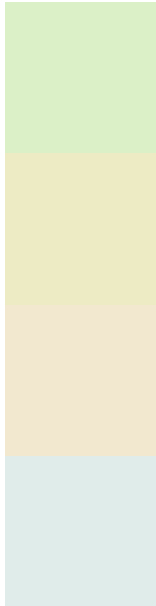
Dichromacy





Tritanopia
227, 232, 251

Trichromacy



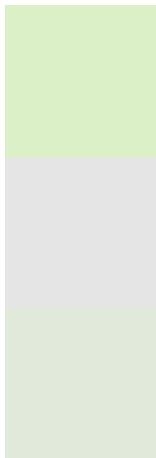
Original Color
198, 240, 219

Protanomaly
196, 236, 195

Deuteranomaly
222, 242, 208

Tritanomaly
224, 231, 236

Monochromacy



Original Color
198, 240, 219

Achromatopsia
229, 229, 229

Achromatomaly
218, 233, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 240, 219 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(219, 240, 198)` looks like.

```
.text, #text, p{  
    color:rgb(219, 240, 198)  
}
```

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(219, 240, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 240, 198) }
```

Border

The CSS property to change the border of an element to RYB 198, 240, 219 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(219, 240, 198) }
```

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

```
.border{ border-color:rgb(219, 240, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 240, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 240, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 240, 198);  
box-shadow:4px 4px 4px 4px rgb(219, 240,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 198, 240, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 240, 198) }
```

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

```
.background{ background-color: rgb(219,  
240, 198) }
```

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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