

Converting Colors

`RYB(198, 247, 230)`

Have a look what the booklet for
RYB(198, 247, 230) contains.

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Color

R_YB(198, 247, 230)

Conversions

Conversions Part 1

Format	Color
Hex	D7F7C6
RGB	215, 247, 198
RGB Percent	84%, 97%, 78%
CMY	0.1569, 0.0314, 0.2235
CMYK	0.13, 0.00, 0.20, 0.03
HSL	99°, 75%, 87%
HSV	99°, 20%, 97%
XYZ	71.4781, 85.0458, 66.0743
YIQ	231.8460, -3.3430, -22.0230

Conversions

Conversions Part 2

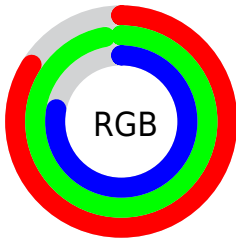
Format	Color
RYB	198, 247, 230
Decimal	14153670
CIELab	93.90, -19.03, 20.16
CIElCh	94, 27.725, 133.344
Yxy	85.0458, 0.3211, 0.3821
Android (android.graphics.Color)	4292343750 (0xFFD7F7C6)
YUV	231.8460, -16.6861, -14.7739
Hunter-Lab	92.2203, -23.0337, 22.0739

Details

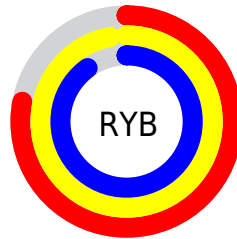
The RYB color **198, 247, 230** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **230, 198, 247**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **144, 191, 175** is the 20% darker color. If you saturate the color by 10%, you get **173, 247, 221**, and if you desaturate by 10%, it is **223, 247, 239**.

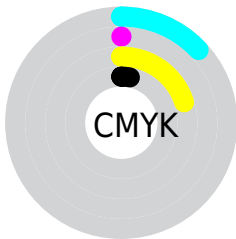
Distribution



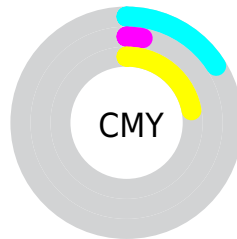
- Red (84%)
- Green (97%)
- Blue (78%)



- Red (78%)
- Yellow (97%)
- Blue (90%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (3%)



- Cyan (16%)
- Magenta (3%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 247, 230 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, 247, 230 by changing the saturation by 10% instead.

■ 198, 247, 230

255, 255, 255

■ 198, 247, 230

■ 171, 218, 202

■ 144, 191, 175

■ 118, 163, 148

■ 93, 137, 122

■ 69, 112, 98

■ 47, 87, 75

■ 25, 64, 53

■ 0, 41, 25

■ 0, 22, 22

 198, 247, 230

 198, 247, 230

 173, 247, 221

 223, 247, 239

 149, 247, 213

 247, 247, 247

 124, 247, 204

 255, 247, 255

 99, 247, 196

 75, 247, 188

 50, 247, 179

 25, 247, 170

 0, 247, 161

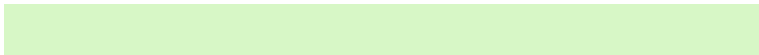
Harmonies

Analogous

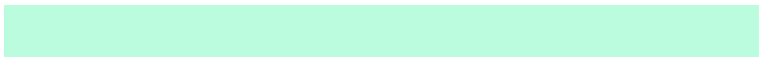
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



190, 245, 185



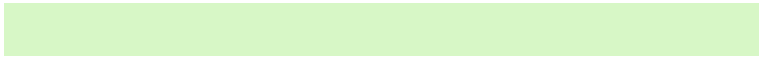
198, 247, 230



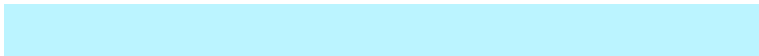
186, 229, 252

Triad

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



198, 247, 230



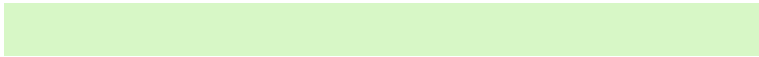
187, 218, 255



255, 219, 226

Complementary

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



198, 247, 230



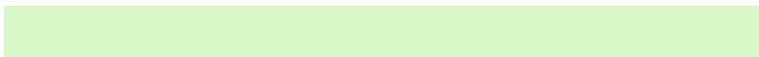
230, 198, 247

Split Complementary

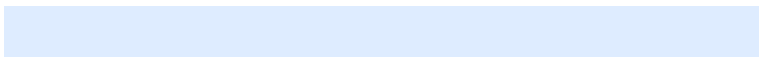
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 220, 254



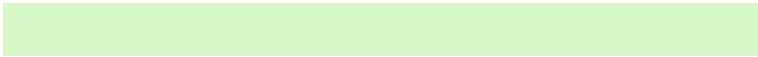
198, 247, 230



222, 232, 255

Square

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



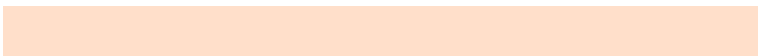
198, 247, 230



165, 209, 255



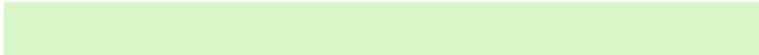
255, 227, 255



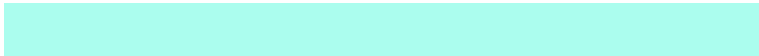
255, 237, 202

Rectangle

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



198, 247, 230



171, 216, 253



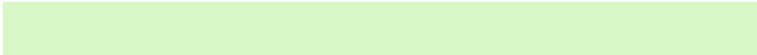
255, 227, 255



255, 218, 235

Sweetspot

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



198, 247, 230



240, 255, 250



224, 247, 198



119, 128, 125



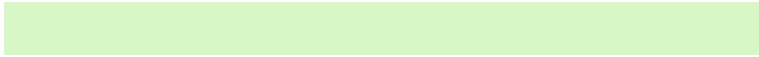
0, 0, 0



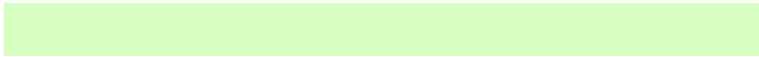
128, 128, 128

Same Dimension

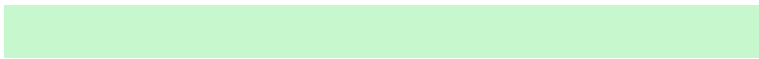
The Same Dimension uses a secret algorithm to generate beautiful new colors.



198, 247, 230



194, 255, 234



198, 241, 247



110, 122, 118



0, 186, 121



0, 59, 39

Inverse Universe

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



230, 198, 247



234, 194, 255



247, 198, 240



118, 110, 122



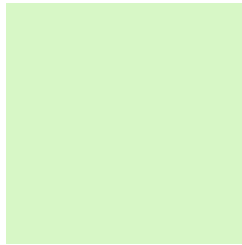
122, 0, 186



38, 0, 59

Previews

White Background



This preview shows how the RYB color 198, 247, 230 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, 247, 230 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

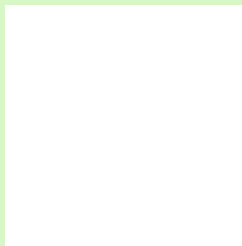
Any Text WCAG AAA ✓ Pass

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

RYB 198, 247, 230 Background



This preview shows how black text looks on a background with the RYB color 198, 247, 230.

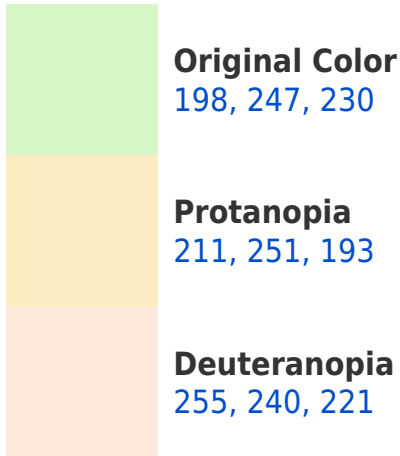


This preview shows how white text looks on a background with the RYB color 198, 247, 230.

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





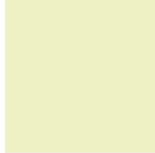
Tritanopia
226, 235, 255

Trichromacy



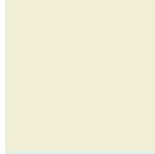
Original Color

198, 247, 230



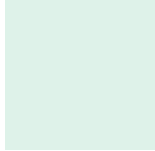
Protanomaly

195, 241, 198



Deuteranomaly

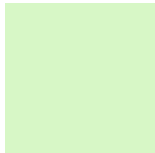
215, 240, 213



Tritanomaly

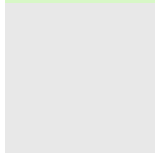
222, 235, 242

Monochromacy



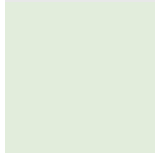
Original Color

198, 247, 230



Achromatopsia

232, 232, 232



Achromatomaly

220, 237, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 247, 215 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(215, 247, 198) looks like.

```
.text, #text, p{  
    color:rgb(215, 247, 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(215, 247, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 247, 198) }
```

Border

The CSS property to change the border of an element to RYB 198, 247, 230 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(215, 247, 198) }
```

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

```
.border{ border-color:rgb(215, 247, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 247, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 247, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 247, 198); box-shadow:4px 4px 4px 4px rgb(215, 247, 198) }
```

Background

The CSS property to change the background color of an element to RYB 198, 247, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 247, 198) }
```

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

```
.background{ background-color: rgb(215,  
247, 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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