

Converting Colors

`RYB(182, 248, 231)`

Have a look what the booklet for
RYB(182, 248, 231) contains.

RYB(182, 248, 231)	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

R_YB(182, 248, 231)

Conversions

Conversions Part 1

Format	Color
Hex	C7F8B6
RGB	199, 248, 182
RGB Percent	78%, 97%, 71%
CMY	0.2196, 0.0275, 0.2863
CMYK	0.20, 0.00, 0.27, 0.03
HSL	105°, 83%, 84%
HSV	105°, 27%, 97%
XYZ	65.5641, 82.6543, 56.7543
YIQ	225.8250, -8.0180, -30.9140

Conversions

Conversions Part 2

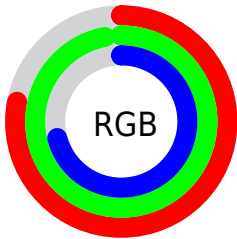
Format	Color
RYB	182, 248, 231
Decimal	13105334
CIELab	92.86, -27.45, 26.74
CIELCh	93, 38.320, 135.753
Yxy	82.6543, 0.3199, 0.4032
Android (android.graphics.Color)	4291295414 (0xFFC7F8B6)
YUV	225.8250, -21.6057, -23.5255
Hunter-Lab	90.9144, -30.3727, 26.6277

Details

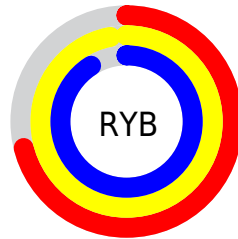
The RYB color **182, 248, 231** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **231, 182, 248**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **238, 255, 238**, and **129, 191, 176** is the 20% darker color. If you saturate the color by 10%, you get **157, 248, 224**, and if you desaturate by 10%, it is **207, 248, 238**.

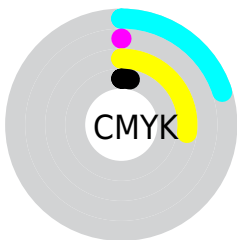
Distribution



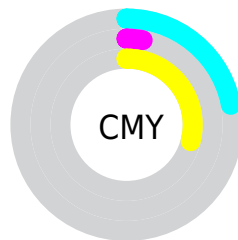
- Red (78%)
- Green (97%)
- Blue (71%)



- Red (71%)
- Yellow (97%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (27%)
- Black (3%)



- Cyan (22%)
- Magenta (3%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 248, 231 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 182, 248, 231 by changing the saturation by 10% instead.

 182, 248, 231

255, 255, 255


 238, 255, 238


 182, 248, 231

 155, 219, 203

 129, 191, 176

 103, 164, 149

 79, 138, 125

 55, 112, 100

 32, 87, 77

 9, 64, 56

 0, 41, 41

 0, 18, 18

 182, 248, 231

 182, 248, 231

 157, 248, 224

 207, 248, 238

 132, 248, 218

 232, 248, 244

 108, 248, 212

 254, 248, 255

 83, 248, 206

 255, 248, 255

 58, 248, 199

 33, 248, 192

 8, 248, 186

 0, 248, 184

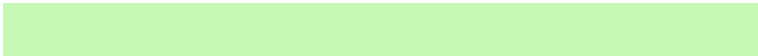
Harmonies

Analogous

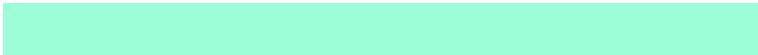
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



166, 241, 163



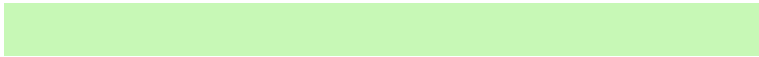
182, 248, 231



156, 217, 254

Triad

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



182, 248, 231



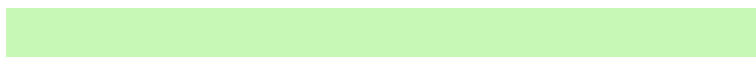
160, 204, 255



255, 207, 216

Complementary

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



182, 248, 231



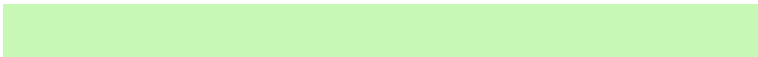
231, 182, 248

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, 209, 254



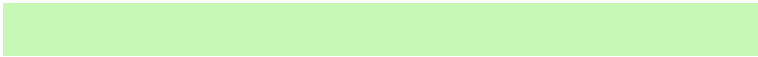
182, 248, 231



215, 226, 255

Square

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



182, 248, 231



120, 186, 255



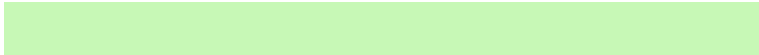
255, 218, 255



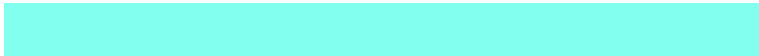
255, 237, 183

Rectangle

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



182, 248, 231



131, 197, 255



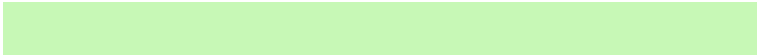
255, 218, 255



255, 207, 229

Sweetspot

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



182, 248, 231



235, 255, 250



207, 248, 182



115, 128, 125



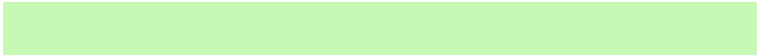
0, 0, 0



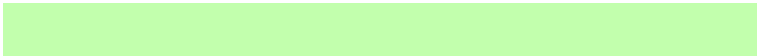
128, 128, 128

Same Dimension

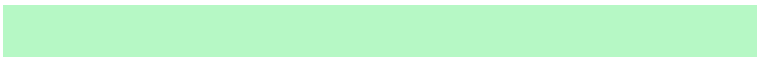
The Same Dimension uses a secret algorithm to generate beautiful new colors.



182, 248, 231



173, 255, 234



182, 236, 248



112, 125, 121



0, 189, 140



0, 61, 45

Inverse Universe

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



231, 182, 248



234, 173, 255



248, 182, 233



122, 112, 125



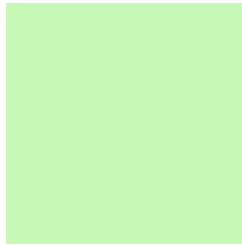
140, 0, 189



45, 0, 61

Previews

White Background



This preview shows how the RYB color 182, 248, 231 looks on a white background.

Color Contrast Check

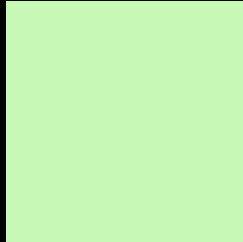
Large Text (above 18pt) WCAG AA × Fail

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 182, 248, 231 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

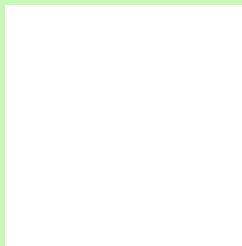
Any Text WCAG AAA ✓ Pass

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

RYB 182, 248, 231 Background



This preview shows how black text looks on a background with the RYB color 182, 248, 231.

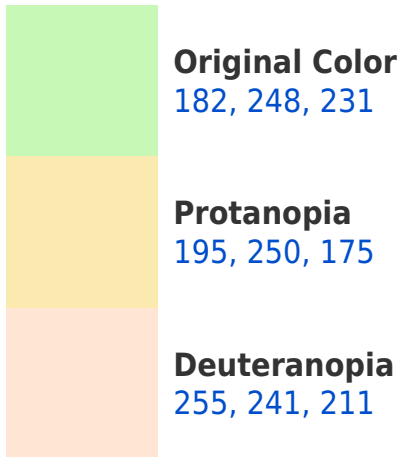


This preview shows how white text looks on a background with the RYB color 182, 248, 231.

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





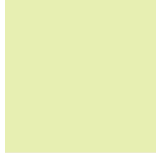
Tritanopia
213, 229, 255

Trichromacy



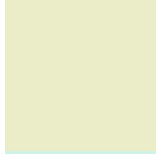
Original Color

182, 248, 231



Protanomaly

178, 239, 186



Deuteranomaly

200, 236, 201



Tritanomaly

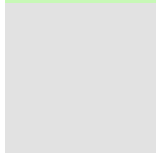
208, 229, 242

Monochromacy



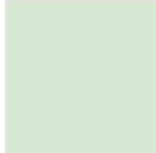
Original Color

182, 248, 231



Achromatopsia

226, 226, 226



Achromatomaly

210, 234, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 248, 231 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(199, 248, 182)` looks like.

```
.text, #text, p{  
    color:rgb(199, 248, 182)  
}
```

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(199, 248, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 248, 182) }
```

Border

The CSS property to change the border of an element to RYB 182, 248, 231 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(199, 248, 182) }
```

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

```
.border{ border-color:rgb(199, 248, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 248, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 248, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 248, 182); box-shadow:4px 4px 4px 4px rgb(199, 248, 182) }
```

Background

The CSS property to change the background color of an element to RYB 182, 248, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 248, 182) }
```

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

```
.background{ background-color: rgb(199,  
248, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor