

Converting Colors

`RYB(181, 232, 231)`

Have a look what the booklet for
RYB(181, 232, 231) contains.

RYB(181, 232, 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(181, 232, 231)

Conversions

Conversions Part 1

Format	Color
Hex	B6E8B5
RGB	182, 232, 181
RGB Percent	71%, 91%, 71%
CMY	0.2863, 0.0902, 0.2902
CMYK	0.22, 0.00, 0.22, 0.09
HSL	119°, 53%, 81%
HSV	119°, 22%, 91%
XYZ	56.4885, 70.9945, 54.4421
YIQ	211.2360, -13.4290, -26.4610

Conversions

Conversions Part 2

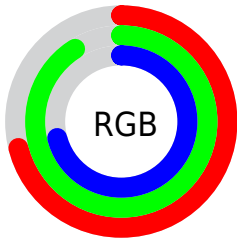
Format	Color
RYB	181, 232, 231
Decimal	11987125
CIELab	87.48, -25.66, 19.68
CIELCh	87, 32.338, 142.521
Yxy	70.9945, 0.3105, 0.3902
Android (android.graphics.Color)	4290177205 (0xFFB6E8B5)
YUV	211.2360, -14.9063, -25.6400
Hunter-Lab	84.2582, -27.7817, 20.6715

Details

The RYB color **181, 232, 231** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **231, 181, 232**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **237, 255, 253**, and **128, 176, 176** is the 20% darker color. If you saturate the color by 10%, you get **158, 232, 231**, and if you desaturate by 10%, it is **204, 232, 231**.

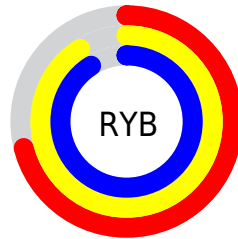
Distribution



Red (71%)

Green (91%)

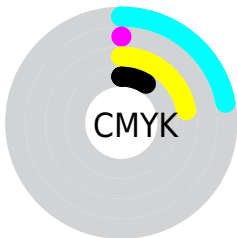
Blue (71%)



Red (71%)

Yellow (91%)

Blue (91%)

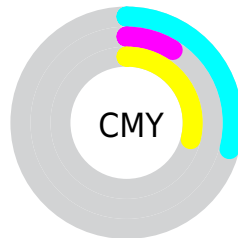


Cyan (22%)

Magenta (0%)

Yellow (22%)

Black (9%)



Cyan (29%)


Magenta (9%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 232, 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 181, 232, 231 by changing the saturation by 10% instead.

 181, 232, 231


 181, 232, 231


255, 255, 255


 154, 204, 203

 237, 255, 253

 128, 176, 176


 102, 148, 149

 77, 122, 123

 53, 96, 98


 28, 69, 74

 2, 43, 51

 0, 31, 31

 0, 0, 0

 181, 232, 231

 181, 232, 231

 158, 232, 231

 204, 232, 231

 135, 232, 230

 227, 232, 232

 111, 232, 229

 250, 232, 251

 88, 232, 229

 255, 232, 255

 65, 232, 229

 42, 232, 228

 19, 232, 228

 0, 232, 227

Harmonies

Analogous

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



162, 225, 170



181, 232, 231



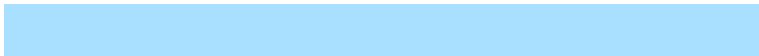
148, 200, 236

Triad

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



181, 232, 231



170, 203, 255



255, 198, 197

Complementary

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



181, 232, 231



231, 181, 232

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, 197, 228



181, 232, 231



214, 214, 255

Square

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



181, 232, 231



135, 189, 255



251, 204, 255



255, 227, 172

Rectangle

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



181, 232, 231



132, 186, 237



251, 204, 255



255, 197, 207

Sweetspot

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



181, 232, 231



237, 255, 254



183, 232, 181



117, 128, 127



0, 0, 0



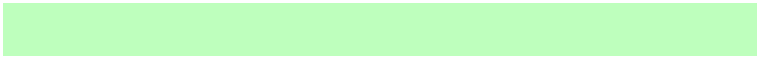
128, 128, 128

Same Dimension

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



181, 232, 231



189, 255, 254



181, 216, 232



103, 115, 114



0, 179, 176



0, 51, 50

Inverse Universe

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



231, 181, 232



254, 189, 255



232, 181, 208



115, 103, 115



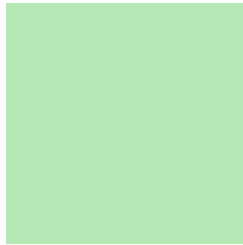
175, 0, 179



50, 0, 51

Previews

White Background



This preview shows how the RYB color 181, 232, 231 looks on a white background.

Color Contrast Check

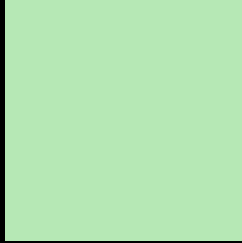
Large Text (above 18pt) WCAG AA × Fail

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 181, 232, 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 181, 232, 231 Background



This preview shows how black text looks on a background with the RYB color 181, 232, 231.

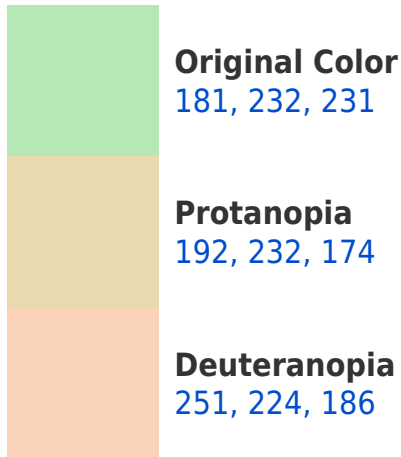


This preview shows how white text looks on a background with the RYB color 181, 232, 231.

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
192, 212, 242

Trichromacy



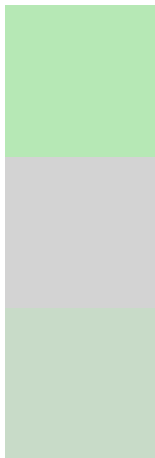
Original Color
181, 232, 231

Protanomaly
177, 223, 186

Deuteranomaly
194, 226, 184

Tritanomaly
188, 209, 227

Monochromacy



Original Color
181, 232, 231

Achromatopsia
211, 211, 211

Achromatomaly
200, 219, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 232, 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(182, 232, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 232, 181)  
}
```

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(182, 232, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 232, 181) }
```

Border

The CSS property to change the border of an element to RYB 181, 232, 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(182, 232, 181) }
```

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

```
.border{ border-color:rgb(182, 232, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 232, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 232, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 232, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 232,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 181, 232, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 232, 181) }
```

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

```
.background{ background-color: rgb(182,  
232, 181) }
```

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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