

Converting Colors

`RYB(182, 224, 231)`

Have a look what the booklet for
RYB(182, 224, 231) contains.

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Color

R_YB(182, 224, 231)

Conversions

Conversions Part 1

Format	Color
Hex	B6E7BE
RGB	182, 231, 190
RGB Percent	71%, 91%, 75%
CMY	0.2863, 0.0941, 0.2542
CMYK	0.21, 0.00, 0.18, 0.09
HSL	130°, 51%, 81%
HSV	130°, 21%, 91%
XYZ	57.1798, 70.8219, 59.4671
YIQ	211.6750, -16.0430, -23.1390

Conversions

Conversions Part 2

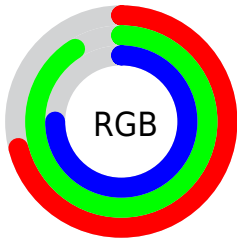
Format	Color
RYB	182, 224, 231
Decimal	11986878
CIELab	87.40, -23.59, 14.79
CIELCh	87, 27.846, 147.915
Yxy	70.8219, 0.3050, 0.3778
Android (android.graphics.Color)	4290176958 (0xFFB6E7BE)
YUV	211.6750, -10.6858, -26.0250
Hunter-Lab	84.1558, -25.9903, 17.0129

Details

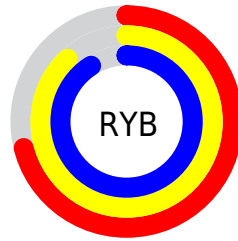
The RYB color **182, 224, 231** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **231, 182, 223**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **238, 250, 255**, and **128, 167, 175** is the 20% darker color. If you saturate the color by 10%, you get **159, 221, 231**, and if you desaturate by 10%, it is **205, 228, 231**.

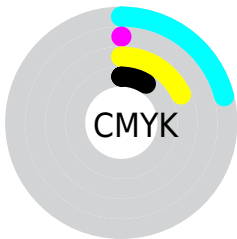
Distribution



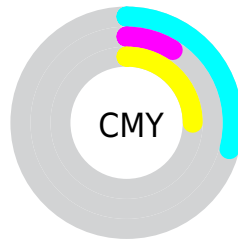
- Red (71%)
- Green (91%)
- Blue (75%)



- Red (71%)
- Yellow (88%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 224, 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, 224, 231 by changing the saturation by 10% instead.

 182, 224, 231


255, 255, 255


 238, 249, 255

 182, 224, 231

 155, 196, 203

 128, 167, 175

 103, 141, 148


 78, 115, 122

 53, 89, 97

 29, 64, 73

 3, 38, 50

 0, 31, 31

 0, 0, 0

 182, 224, 231

 182, 224, 231


 159, 221, 231

 205, 228, 231

 136, 217, 231

 228, 230, 231

 113, 215, 231

 251, 231, 248

 90, 211, 231

 255, 231, 255

 66, 207, 231

 43, 204, 231

 20, 201, 231

 0, 198, 231

Harmonies

Analogous

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



172, 225, 185



182, 224, 231



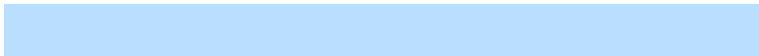
156, 200, 234

Triad

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



182, 224, 231



185, 209, 255



255, 203, 195

Complementary

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



182, 224, 231



231, 182, 223

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, 200, 222



182, 224, 231



221, 213, 255

Square

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



182, 224, 231



154, 197, 255



252, 205, 248



255, 231, 175

Rectangle

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



182, 224, 231



145, 190, 234



252, 205, 248



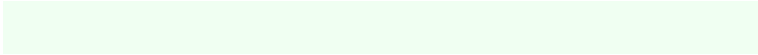
255, 200, 204

Sweetspot

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



182, 224, 231



240, 253, 255



182, 231, 190



119, 127, 128



0, 0, 0



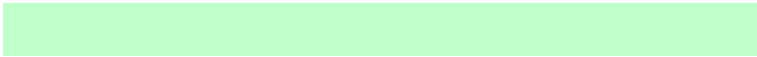
128, 128, 128

Same Dimension

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



182, 224, 231



191, 246, 255



182, 211, 231



103, 113, 115



0, 153, 179



0, 44, 51

Inverse Universe

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



231, 182, 223



255, 191, 244



231, 182, 198



115, 103, 113



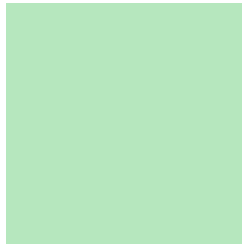
179, 0, 149



51, 0, 42

Previews

White Background



This preview shows how the RYB color 182, 224, 231 looks on a white background.

Color Contrast Check

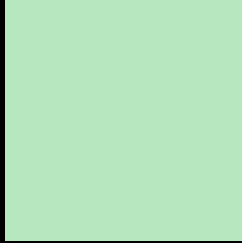
Large Text (above 18pt) WCAG AA × Fail

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, 224, 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, 224, 231 Background



This preview shows how black text looks on a background with the RYB color 182, 224, 231.

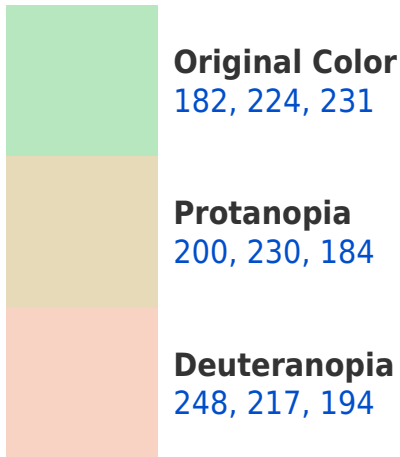


This preview shows how white text looks on a background with the RYB color 182, 224, 231.

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
191, 211, 242

Trichromacy



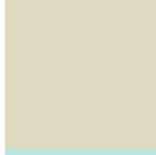
Original Color

182, 224, 231



Protanomaly

186, 223, 196



Deuteranomaly

200, 224, 193



Tritanomaly

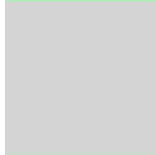
188, 209, 227

Monochromacy



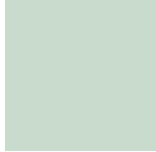
Original Color

182, 224, 231



Achromatopsia

212, 212, 212



Achromatomaly

201, 216, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 182, 224, 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, 231, 190)` looks like.

```
.text, #text, p{  
    color:rgb(182, 231, 190)  
}
```

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, 231, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 231, 190) }
```

Border

The CSS property to change the border of an element to RYB 182, 224, 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, 231, 190) }
```

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

```
.border{ border-color:rgb(182, 231, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 231, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 231, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 231, 190);  
box-shadow:4px 4px 4px 4px rgb(182, 231,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 182, 224, 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, 231, 190) }
```

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

```
.background{ background-color: rgb(182,  
231, 190) }
```

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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