

Converting Colors

`RYB(181, 217, 230)`

Have a look what the booklet for
RYB(181, 217, 230) contains.

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Color

R_YB(181, 217, 230)

Conversions

Conversions Part 1

Format	Color
Hex	B5E6C7
RGB	181, 230, 199
RGB Percent	71%, 90%, 78%
CMY	0.2902, 0.0980, 0.2208
CMYK	0.21, 0.00, 0.14, 0.10
HSL	142°, 49%, 81%
HSV	142°, 21%, 90%
XYZ	57.6262, 70.5267, 64.4228
YIQ	211.8150, -19.2530, -20.0290

Conversions

Conversions Part 2

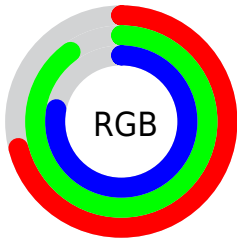
Format	Color
RYB	181, 217, 230
Decimal	11921095
CIELab	87.25, -21.88, 10.12
CIElCh	87, 24.106, 155.170
Yxy	70.5267, 0.2992, 0.3662
Android (android.graphics.Color)	4290111175 (0xFFB5E6C7)
YUV	211.8150, -6.3178, -27.0248
Hunter-Lab	83.9802, -24.4807, 13.3036

Details

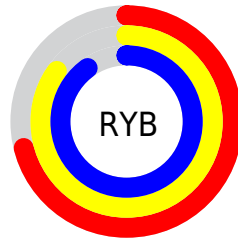
The RYB color **181, 217, 230** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **230, 181, 212**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **237, 246, 255**, and **127, 161, 174** is the 20% darker color. If you saturate the color by 10%, you get **158, 211, 230**, and if you desaturate by 10%, it is **204, 223, 230**.

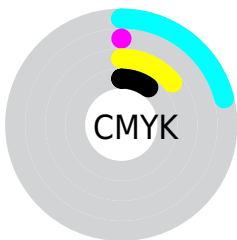
Distribution



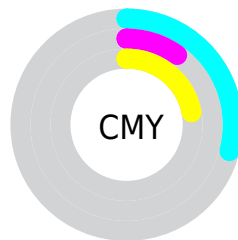
- Red (71%)
- Green (90%)
- Blue (78%)



- Red (71%)
- Yellow (85%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)




- Cyan (29%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 217, 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 181, 217, 230 by changing the saturation by 10% instead.

 181, 217, 230


255, 255, 255


 237, 246, 255

 181, 217, 230


 154, 189, 202


 127, 161, 174

 102, 136, 148

 77, 110, 122

 52, 84, 97

 28, 59, 73

 3, 34, 50

 0, 29, 30

 0, 0, 0

 181, 217, 230


 181, 217, 230

 158, 211, 230


 204, 223, 230

 135, 205, 230


 227, 229, 230


 112, 198, 230


 250, 230, 243


 89, 193, 230

 255, 230, 255

 66, 187, 230

 43, 180, 230

 20, 174, 230

 0, 169, 230

Harmonies

Analogous

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



181, 225, 199



181, 217, 230



161, 199, 232

Triad

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



181, 217, 230



197, 213, 255



255, 208, 193

Complementary

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



181, 217, 230



230, 181, 212

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, 202, 215



181, 217, 230



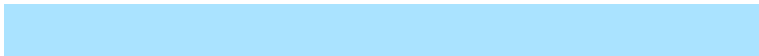
228, 211, 255

Square

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



181, 217, 230



170, 204, 255



252, 205, 238



253, 237, 178

Rectangle

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



181, 217, 230



156, 195, 237



252, 205, 238



255, 203, 200

Sweetspot

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



181, 217, 230



240, 251, 255



181, 230, 198



119, 126, 128



0, 0, 0



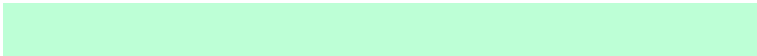
128, 128, 128

Same Dimension

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



181, 217, 230



189, 237, 255



181, 207, 230



103, 112, 115



0, 132, 179



0, 38, 51

Inverse Universe

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



230, 181, 212



255, 189, 231



230, 181, 188



115, 103, 111



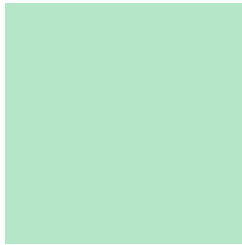
179, 0, 114



51, 0, 33

Previews

White Background



This preview shows how the RYB color 181, 217, 230 looks on a white background.

Color Contrast Check

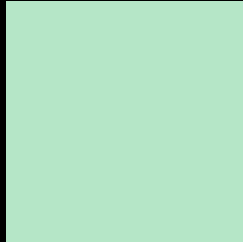
Large Text (above 18pt) WCAG AA × Fail

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 181, 217, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

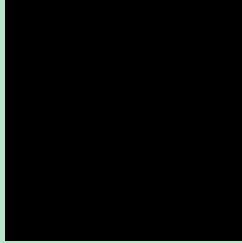
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

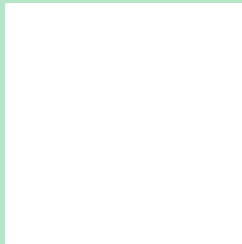
Any Text WCAG AAA ✓ Pass

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

RYB 181, 217, 230 Background



This preview shows how black text looks on a background with the RYB color 181, 217, 230.

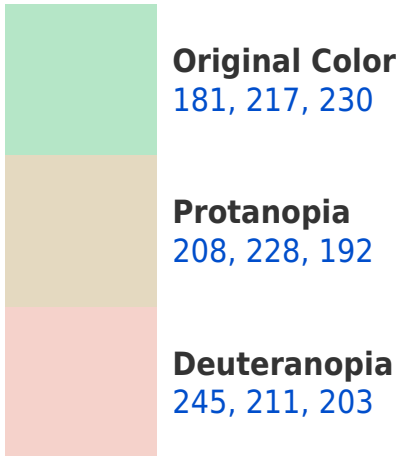


This preview shows how white text looks on a background with the RYB color 181, 217, 230.

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](#).

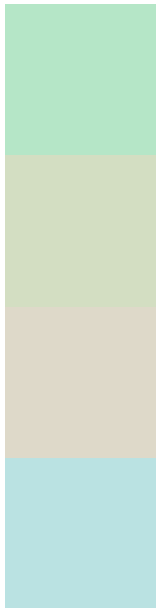
Dichromacy





Tritanopia
189, 210, 242

Trichromacy



Original Color
181, 217, 230

Protanomaly
194, 222, 205

Deuteranomaly
208, 222, 201

Tritanomaly
186, 206, 226

Monochromacy



Original Color
181, 217, 230

Achromatopsia
212, 212, 212

Achromatomaly
201, 215, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 217, 230 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(181, 230, 199)` looks like.

```
.text, #text, p{  
    color:rgb(181, 230, 199)  
}
```

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(181, 230, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 230, 199) }
```

Border

The CSS property to change the border of an element to RYB 181, 217, 230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

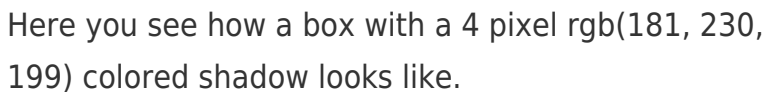
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 230, 199) }
```

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

```
.border{ border-color:rgb(181, 230, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 230, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 230, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 230, 199); box-shadow:4px 4px 4px 4px rgb(181, 230, 199) }
```

Background

The CSS property to change the background color of an element to RYB 181, 217, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 230, 199) }
```

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

```
.background{ background-color: rgb(181,  
230, 199) }
```

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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