

Converting Colors

`RYB(181, 209, 227)`

Have a look what the booklet for RYB(181, 209, 227) contains.

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Color

R_YB(181, 209, 227)

Conversions

Conversions Part 1

Format	Color
Hex	B5E3D3
RGB	181, 227, 211
RGB Percent	71%, 89%, 83%
CMY	0.2902, 0.1098, 0.1742
CMYK	0.20, 0.00, 0.07, 0.11
HSL	159°, 45%, 80%
HSV	159°, 20%, 89%
XYZ	58.2293, 69.4436, 71.6816
YIQ	211.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

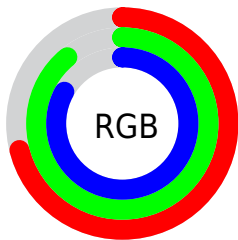
Format	Color
RYB	181, 209, 227
Decimal	11920339
CIELab	86.72, -18.12, 3.12
CIElCh	87, 18.383, 170.217
Yxy	69.4436, 0.2921, 0.3483
Android (android.graphics.Color)	4290110419 (0xFFB5E3D3)
YUV	211.4220, -0.2080, -26.6801
Hunter-Lab	83.3328, -21.1045, 7.3326

Details

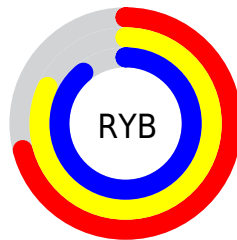
The RYB color **181, 209, 227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 181, 197**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **237, 246, 255**, and **127, 154, 172** is the 20% darker color. If you saturate the color by 10%, you get **158, 200, 227**, and if you desaturate by 10%, it is **204, 218, 227**.

Distribution



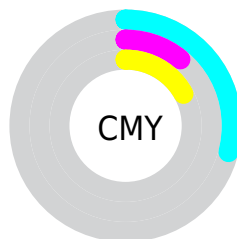
- Red (71%)
- Green (89%)
- Blue (83%)



- Red (71%)
- Yellow (82%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 209, 227 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, 209, 227 by changing the saturation by 10% instead.


 181, 209, 227

255, 255, 255


 237, 246, 255

 181, 209, 227

 154, 181, 199

 127, 154, 172

 102, 128, 145

 77, 102, 119

 53, 77, 94

 29, 53, 70

 3, 29, 48

 0, 18, 28

 0, 0, 0

 181, 209, 227

 181, 209, 227

 158, 200, 227


 204, 218, 227

 136, 192, 227


 226, 227, 227

 113, 182, 227


 249, 227, 235

 90, 173, 227


 255, 227, 243

 68, 165, 227

 255, 227, 251

 45, 156, 227

 255, 227, 255

 22, 147, 227

 0, 138, 227

Harmonies

Analogous

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



194, 224, 220



181, 209, 227



172, 200, 228

Triad

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



181, 209, 227



213, 215, 250



250, 217, 191

Complementary

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



181, 209, 227



227, 181, 197

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.



254, 205, 206



181, 209, 227



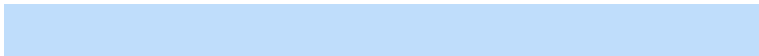
234, 209, 240

Square

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



181, 209, 227



191, 211, 251



249, 206, 224



223, 237, 183

Rectangle

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



181, 209, 227



173, 202, 239



249, 206, 224



252, 210, 195

Sweetspot

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



181, 209, 227



240, 249, 255



181, 227, 210



119, 125, 128



0, 0, 0



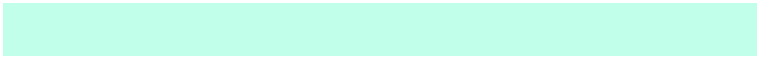
128, 128, 128

Same Dimension

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



181, 209, 227



194, 231, 255



181, 202, 227



103, 110, 115



0, 109, 179



0, 31, 51

Inverse Universe

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



227, 181, 197



255, 194, 216



227, 188, 181



115, 103, 107



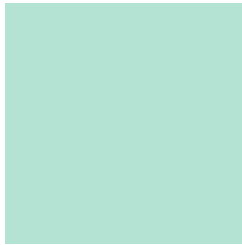
179, 0, 64



51, 0, 18

Previews

White Background



This preview shows how the RYB color 181, 209, 227 looks on a white background.

Color Contrast Check

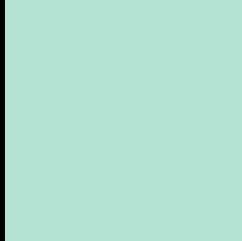
Large Text (above 18pt) WCAG AA × Fail

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, 209, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

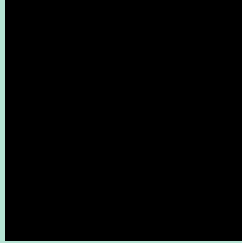
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

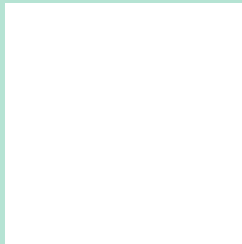
Any Text WCAG AAA ✓ Pass

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

RYB 181, 209, 227 Background



This preview shows how black text looks on a background with the RYB color 181, 209, 227.

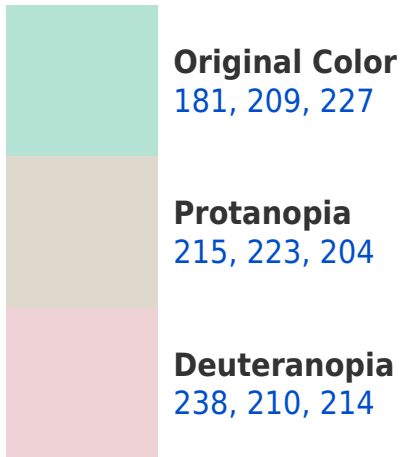


This preview shows how white text looks on a background with the RYB color 181, 209, 227.

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





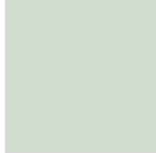
Tritanopia
187, 208, 240

Trichromacy



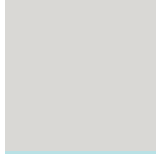
Original Color

181, 209, 227



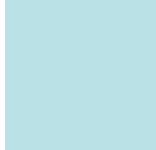
Protanomaly

206, 220, 218



Deuteranomaly

214, 217, 213



Tritanomaly

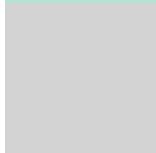
185, 206, 229

Monochromacy



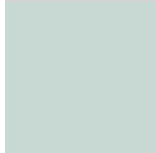
Original Color

181, 209, 227



Achromatopsia

211, 211, 211



Achromatomaly

200, 210, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 209, 227 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, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(181, 227, 211)  
}
```

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, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 227, 211) }
```

Border

The CSS property to change the border of an element to RYB 181, 209, 227 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, 227, 211) }
```

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

```
.border{ border-color:rgb(181, 227, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(181, 227,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 181, 209, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 227, 211) }
```

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

```
.background{ background-color: rgb(181,  
227, 211) }
```

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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