

Converting Colors

`RYB(179, 211, 227)`

Have a look what the booklet for
RYB(179, 211, 227) contains.

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Color

R_YB(179, 211, 227)

Conversions

Conversions Part 1

Format	Color
Hex	B3E3CB
RGB	179, 227, 203
RGB Percent	70%, 89%, 80%
CMY	0.2980, 0.1098, 0.2039
CMYK	0.21, 0.00, 0.11, 0.11
HSL	150°, 46%, 80%
HSV	150°, 21%, 89%
XYZ	56.8390, 68.8337, 66.7904
YIQ	209.9120, -20.9040, -17.6400

Conversions

Conversions Part 2

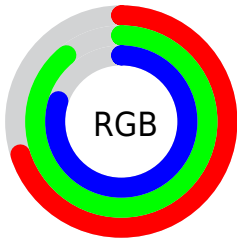
Format	Color
RYB	179, 211, 227
Decimal	11789259
CIELab	86.42, -20.22, 6.65
CIELCh	86, 21.290, 161.786
Yxy	68.8337, 0.2953, 0.3576
Android (android.graphics.Color)	4289979339 (0xFFB3E3CB)
YUV	209.9120, -3.4076, -27.1098
Hunter-Lab	82.9661, -22.9025, 10.3458

Details

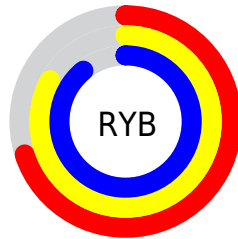
The RYB color **179, 211, 227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 179, 203**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **235, 245, 255**, and **125, 155, 171** is the 20% darker color. If you saturate the color by 10%, you get **156, 203, 227**, and if you desaturate by 10%, it is **202, 219, 227**.

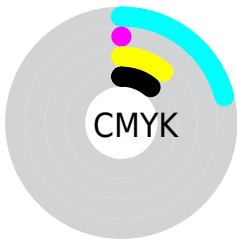
Distribution



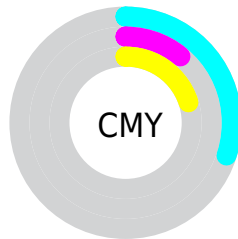
- Red (70%)
- Green (89%)
- Blue (80%)



- Red (70%)
- Yellow (83%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 211, 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 179, 211, 227 by changing the saturation by 10% instead.

 179, 211, 227


255, 255, 255


 235, 245, 255


 179, 211, 227

 152, 183, 199


 125, 155, 171

 100, 130, 145

 75, 104, 119

 51, 79, 94

 27, 54, 70

 1, 30, 48

 0, 23, 28


 0, 0, 0

 179, 211, 227


 179, 211, 227

 156, 203, 227


 202, 219, 227

 134, 196, 227


 224, 226, 227

 111, 188, 227


 247, 227, 237


 88, 180, 227

 255, 227, 248

 65, 173, 227

 255, 227, 255

 43, 166, 227

 20, 158, 227

 0, 151, 227

Harmonies

Analogous

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



186, 223, 208



179, 211, 227



164, 197, 228

Triad

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



179, 211, 227



204, 213, 255



255, 210, 190

Complementary

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



179, 211, 227



227, 179, 203

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, 209



179, 211, 227



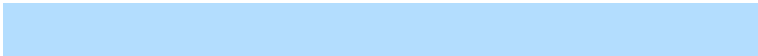
230, 209, 246

Square

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



179, 211, 227



179, 206, 254



249, 204, 229



241, 243, 178

Rectangle

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



179, 211, 227



162, 197, 237



249, 204, 229



255, 205, 196

Sweetspot

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



179, 211, 227



240, 250, 255



179, 227, 203



119, 125, 128



0, 0, 0



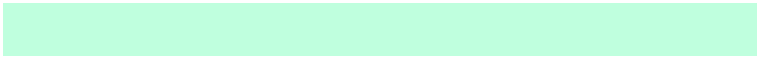
128, 128, 128

Same Dimension

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



179, 211, 227



191, 234, 255



179, 203, 227



103, 111, 115



0, 120, 179



0, 34, 51

Inverse Universe

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



227, 179, 203



255, 191, 223



227, 179, 179



115, 103, 109



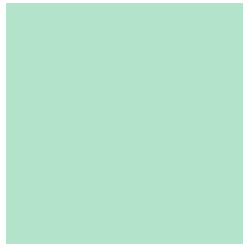
179, 0, 89



51, 0, 26

Previews

White Background



This preview shows how the RYB color 179, 211, 227 looks on a white background.

Color Contrast Check

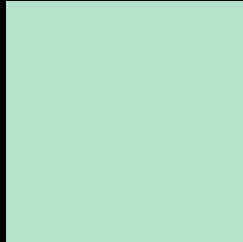
Large Text (above 18pt) WCAG AA × Fail

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 179, 211, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

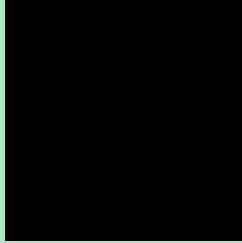
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

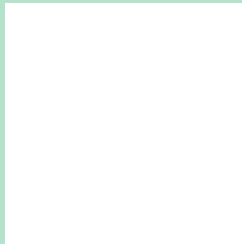
Any Text WCAG AAA ✓ Pass

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

RYB 179, 211, 227 Background



This preview shows how black text looks on a background with the RYB color 179, 211, 227.

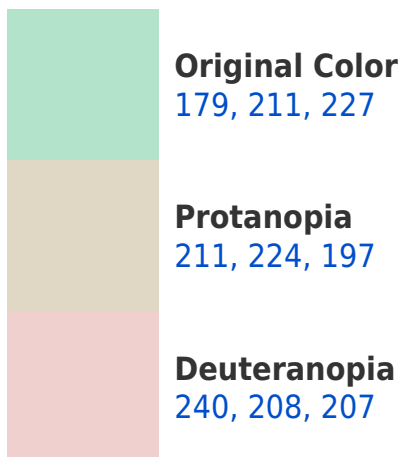


This preview shows how white text looks on a background with the RYB color 179, 211, 227.

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](#).

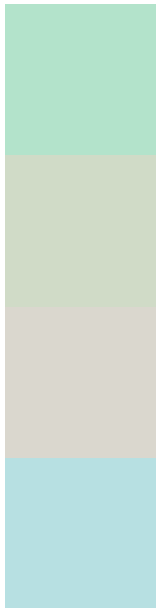
Dichromacy





Tritanopia
186, 207, 239

Trichromacy



Original Color
179, 211, 227

Protanomaly
199, 219, 210

Deuteranomaly
210, 218, 206

Tritanomaly
183, 204, 226

Monochromacy



Original Color
179, 211, 227

Achromatopsia
210, 210, 210

Achromatomaly
199, 211, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 211, 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(179, 227, 203)` looks like.

```
.text, #text, p{  
    color:rgb(179, 227, 203)  
}
```

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(179, 227, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 227, 203) }
```

Border

The CSS property to change the border of an element to RYB 179, 211, 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(179, 227, 203) }
```

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

```
.border{ border-color:rgb(179, 227, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 227, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 227, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 227, 203); box-shadow:4px 4px 4px 4px rgb(179, 227, 203) }
```

Background

The CSS property to change the background color of an element to RYB 179, 211, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 227, 203) }
```

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

```
.background{ background-color: rgb(179,  
227, 203) }
```

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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