

Converting Colors

`RYB(183, 211, 226)`

Have a look what the booklet for
RYB(183, 211, 226) contains.

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Color

R_YB(183, 211, 226)

Conversions

Conversions Part 1

Format	Color
Hex	B7E2CE
RGB	183, 226, 206
RGB Percent	72%, 89%, 81%
CMY	0.2824, 0.1137, 0.1920
CMYK	0.19, 0.00, 0.09, 0.11
HSL	152°, 43%, 80%
HSV	152°, 19%, 89%
XYZ	57.8697, 68.9180, 68.6677
YIQ	210.8630, -19.2080, -15.3360

Conversions

Conversions Part 2

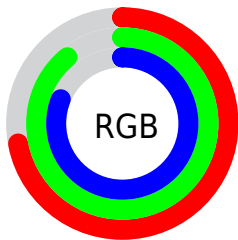
Format	Color
RYB	183, 211, 226
Decimal	12051150
CIELab	86.46, -17.87, 5.15
CIELCh	86, 18.599, 163.928
Yxy	68.9180, 0.2961, 0.3526
Android (android.graphics.Color)	4290241230 (0xFFB7E2CE)
YUV	210.8630, -2.3975, -24.4359
Hunter-Lab	83.0168, -20.8500, 9.0698

Details

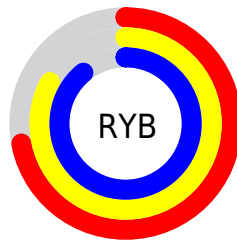
The RYB color **183, 211, 226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **226, 183, 203**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **239, 247, 255**, and **129, 156, 171** is the 20% darker color. If you saturate the color by 10%, you get **160, 203, 226**, and if you desaturate by 10%, it is **206, 219, 226**.

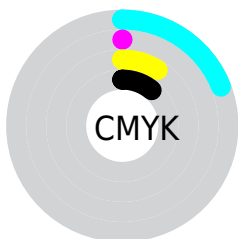
Distribution



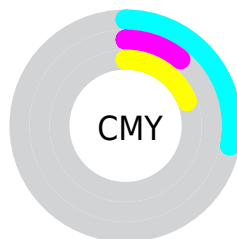
- Red (72%)
- Green (89%)
- Blue (81%)



- Red (72%)
- Yellow (83%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (28%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 211, 226 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 183, 211, 226 by changing the saturation by 10% instead.

 183, 211, 226


255, 255, 255


 239, 247, 255

 183, 211, 226

 156, 183, 198

 129, 156, 171

 104, 130, 144

 79, 104, 118

 55, 79, 93

 32, 56, 70

 7, 31, 47

 0, 20, 27

 0, 0, 0

 183, 211, 226

 183, 211, 226


 160, 203, 226


 206, 219, 226

 138, 195, 226


 228, 226, 227

 115, 187, 226


 251, 226, 238


 93, 180, 226

 255, 226, 248

 70, 171, 226

 255, 226, 255

 47, 164, 226

 25, 156, 226

 2, 148, 226

 0, 147, 226

Harmonies

Analogous

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



191, 223, 213



183, 211, 226



172, 200, 227

Triad

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



183, 211, 226



208, 214, 250



251, 211, 193

Complementary

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



183, 211, 226



226, 183, 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.



254, 204, 209



183, 211, 226



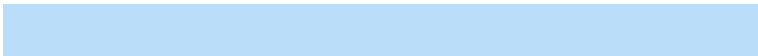
230, 209, 242

Square

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



183, 211, 226



186, 209, 250



246, 205, 227



235, 239, 183

Rectangle

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



183, 211, 226



170, 200, 235



246, 205, 227



253, 208, 197

Sweetspot

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



183, 211, 226



240, 250, 255



183, 226, 206



119, 125, 128



0, 0, 0



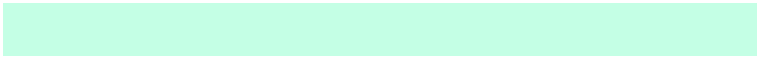
128, 128, 128

Same Dimension

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



183, 211, 226



196, 234, 255



183, 204, 226



101, 108, 112



0, 115, 176



0, 31, 48

Inverse Universe

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



226, 183, 203



255, 196, 224



226, 184, 183



112, 101, 106



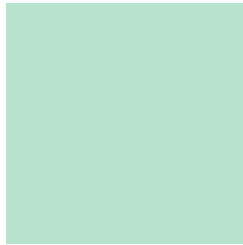
176, 0, 82



48, 0, 22

Previews

White Background



This preview shows how the RYB color 183, 211, 226 looks on a white background.

Color Contrast Check

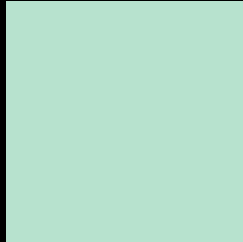
Large Text (above 18pt) WCAG AA × Fail

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 183, 211, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

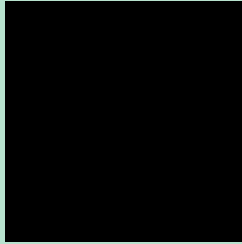
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

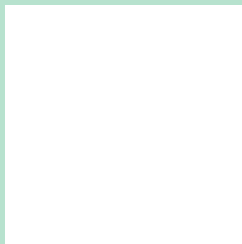
Any Text WCAG AAA ✓ Pass

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

RYB 183, 211, 226 Background



This preview shows how black text looks on a background with the RYB color 183, 211, 226.



This preview shows how white text looks on a background with the RYB color 183, 211, 226.

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, 209, 239

Trichromacy



Original Color
183, 211, 226

Protanomaly
202, 219, 213

Deuteranomaly
216, 219, 209

Tritanomaly
187, 206, 227

Monochromacy



Original Color
183, 211, 226

Achromatopsia
211, 211, 211

Achromatomaly
201, 211, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 211, 226 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(183, 226, 206)` looks like.

```
.text, #text, p{  
    color:rgb(183, 226, 206)  
}
```

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(183, 226, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 226, 206) }
```

Border

The CSS property to change the border of an element to RYB 183, 211, 226 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(183, 226, 206) }
```

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

```
.border{ border-color:rgb(183, 226, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 226, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 226, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 226, 206);  
box-shadow:4px 4px 4px 4px rgb(183, 226,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 183, 211, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 226, 206) }
```

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

```
.background{ background-color: rgb(183,  
226, 206) }
```

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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