

Converting Colors

`RYB(177, 203, 226)`

Have a look what the booklet for
RYB(177, 203, 226) contains.

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Color

R_YB(177, 203, 226)

Conversions

Conversions Part 1

Format	Color
Hex	B1E2DC
RGB	177, 226, 220
RGB Percent	69%, 89%, 86%
CMY	0.3059, 0.1137, 0.1359
CMYK	0.22, 0.00, 0.03, 0.11
HSL	173°, 46%, 79%
HSV	173°, 22%, 89%
XYZ	58.2920, 68.9255, 78.1824
YIQ	210.6650, -27.2780, -12.2540

Conversions

Conversions Part 2

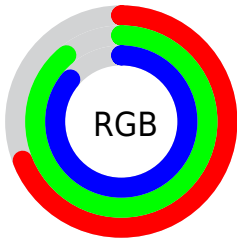
Format	Color
RYB	177, 203, 226
Decimal	11657948
CIELab	86.47, -16.86, -2.43
CIELCh	86, 17.034, 188.188
Yxy	68.9255, 0.2838, 0.3356
Android (android.graphics.Color)	4289848028 (0xFFB1E2DC)
YUV	210.6650, 4.6022, -29.5242
Hunter-Lab	83.0214, -19.9568, 2.2807

Details

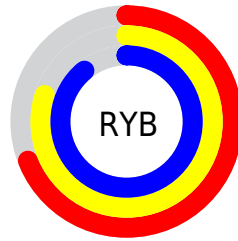
The RYB color **177, 203, 226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **226, 177, 183**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **233, 244, 255**, and **123, 149, 171** is the 20% darker color. If you saturate the color by 10%, you get **154, 192, 226**, and if you desaturate by 10%, it is **200, 214, 226**.

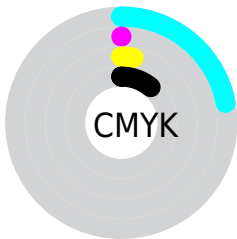
Distribution



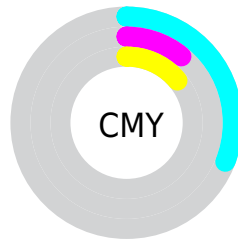
- Red (69%)
- Green (89%)
- Blue (86%)



- Red (69%)
- Yellow (80%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 203, 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 177, 203, 226 by changing the saturation by 10% instead.

■ 177, 203, 226

255, 255, 255

■ 233, 244, 255

■ 177, 203, 226

■ 150, 176, 198

■ 123, 149, 171

■ 97, 122, 144

■ 72, 96, 118

■ 48, 72, 93

■ 23, 48, 70


■ 0, 24, 47

■ 0, 15, 27


■ 0, 0, 0

 177, 203, 226

 177, 203, 226

 154, 192, 226


 200, 214, 226

 132, 182, 226


 222, 224, 226

 109, 171, 226


 245, 226, 228

 87, 161, 226


 255, 226, 231

 64, 150, 226

 255, 226, 233

 41, 139, 226

 255, 226, 236

 19, 129, 226

 255, 226, 239

 0, 120, 226

 255, 226, 241

 255, 226, 244

Harmonies

Analogous

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



189, 214, 225



177, 203, 226



175, 202, 236

Triad

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



177, 203, 226



225, 211, 242



240, 231, 187

Complementary

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



177, 203, 226



226, 177, 183

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.



249, 209, 197



177, 203, 226



242, 207, 229

Square

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



177, 203, 226



204, 213, 248



250, 205, 212



195, 225, 185

Rectangle

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



177, 203, 226



181, 206, 243



250, 205, 212



244, 222, 190

Sweetspot

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



177, 203, 226



237, 247, 255



177, 226, 220



117, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 203, 226



189, 224, 255



177, 196, 226



101, 107, 112



0, 93, 176



0, 25, 48

Inverse Universe

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



226, 177, 183



255, 189, 196



226, 208, 177



112, 101, 102



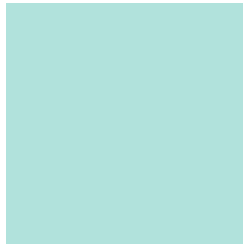
176, 0, 20



48, 0, 6

Previews

White Background



This preview shows how the RYB color 177, 203, 226 looks on a white background.

Color Contrast Check

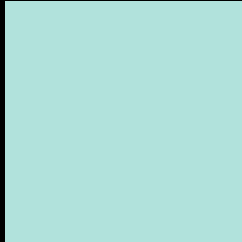
Large Text (above 18pt) WCAG AA × Fail

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 177, 203, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

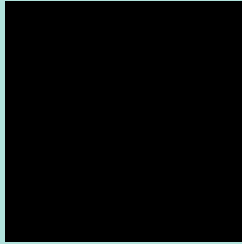
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

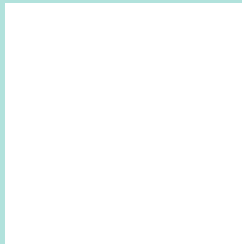
Any Text WCAG AAA ✓ Pass

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

R Y B 177, 203, 226 Background



This preview shows how black text looks on a background with the R Y B color 177, 203, 226.



This preview shows how white text looks on a background with the R Y B color 177, 203, 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





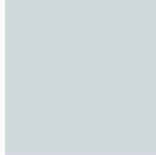
Tritanopia
181, 206, 241

Trichromacy



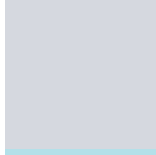
Original Color

177, 203, 226



Protanomaly

204, 212, 219



Deuteranomaly

213, 215, 223



Tritanomaly

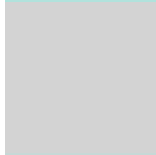
180, 204, 233

Monochromacy



Original Color

177, 203, 226



Achromatopsia

211, 211, 211



Achromatomaly

199, 208, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 203, 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(177, 226, 220)` looks like.

```
.text, #text, p{  
    color:rgb(177, 226, 220)  
}
```

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(177, 226, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 226, 220) }
```

Border

The CSS property to change the border of an element to RYB 177, 203, 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(177, 226, 220) }
```

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

```
.border{ border-color:rgb(177, 226, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 226, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 226, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 226, 220);  
box-shadow:4px 4px 4px 4px rgb(177, 226,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 177, 203, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 226, 220) }
```

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

```
.background{ background-color: rgb(177,  
226, 220) }
```

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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