

Converting Colors

`RYB(161, 193, 219)`

Have a look what the booklet for
RYB(161, 193, 219) contains.

RYB(161, 193, 219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(161, 193, 219)$

Conversions

Conversions Part 1

Format	Color
Hex	A1DBD0
RGB	161, 219, 208
RGB Percent	63%, 86%, 82%
CMY	0.3686, 0.1412, 0.1838
CMYK	0.26, 0.00, 0.05, 0.14
HSL	169°, 45%, 75%
HSV	169°, 26%, 86%
XYZ	51.4300, 62.8003, 69.1662
YIQ	200.4040, -31.0370, -15.7170

Conversions

Conversions Part 2

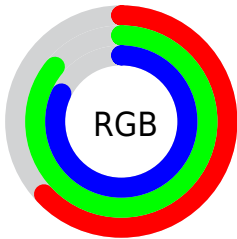
Format	Color
RYB	161, 193, 219
Decimal	10607568
CIELab	83.34, -20.74, -0.65
CIELCh	83, 20.749, 181.809
Yxy	62.8003, 0.2804, 0.3424
Android (android.graphics.Color)	4288797648 (0xFFFA1DBD0)
YUV	200.4040, 3.7448, -34.5573
Hunter-Lab	79.2467, -22.8375, 3.7246

Details

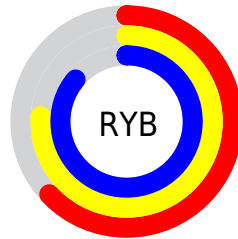
The RYB color **161, 193, 219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **219, 161, 172**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **217, 236, 255**, and **108, 139, 164** is the 20% darker color. If you saturate the color by 10%, you get **139, 183, 219**, and if you desaturate by 10%, it is **183, 203, 219**.

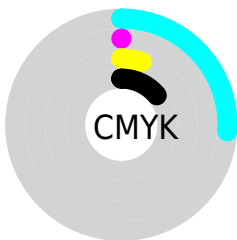
Distribution



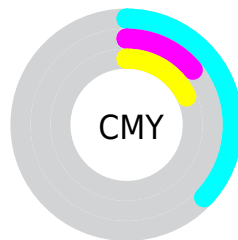
- Red (63%)
- Green (86%)
- Blue (82%)



- Red (63%)
- Yellow (76%)
- Blue (86%)



- Cyan (26%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)




- Cyan (37%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 193, 219 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 161, 193, 219 by changing the saturation by 10% instead.


 161, 193, 219

255, 255, 255


 217, 236, 255


 246, 251, 255

 161, 193, 219


 134, 165, 191

 108, 139, 164

 82, 112, 137

 56, 86, 112

 30, 61, 87

 0, 34, 64

 0, 22, 41

 0, 12, 20

 0, 0, 0

■ 161, 193, 219

■ 161, 193, 219

■ 139, 183, 219

■ 183, 203, 219

■ 117, 173, 219

■ 205, 213, 219

■ 95, 163, 219

■ 227, 219, 220

■ 73, 153, 219

■ 249, 219, 225

■ 51, 144, 219

■ 255, 219, 229

■ 30, 134, 219

■ 255, 219, 233

■ 8, 125, 219

■ 255, 219, 237

■ 0, 121, 219

■ 255, 219, 241

■ 255, 219, 245

Harmonies

Analogous

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



178, 208, 217



161, 193, 219



155, 189, 227

Triad

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



161, 193, 219



213, 202, 241



239, 217, 174

Complementary

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



161, 193, 219



219, 161, 172

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.



248, 196, 188



161, 193, 219



234, 197, 226

Square

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



161, 193, 219



187, 203, 246



247, 194, 207



190, 222, 169

Rectangle

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



161, 193, 219



160, 193, 238



247, 194, 207



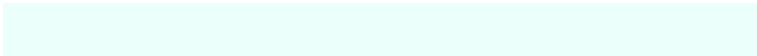
243, 207, 178

Sweetspot

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



161, 193, 219



235, 246, 255



161, 219, 207



115, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



161, 193, 219



173, 218, 255



161, 185, 219



99, 105, 110



0, 95, 173



0, 25, 46

Inverse Universe

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



219, 161, 172



255, 173, 189



219, 185, 161



110, 99, 101



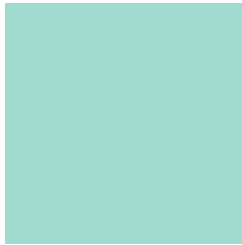
173, 0, 33



46, 0, 9

Previews

White Background



This preview shows how the RYB color 161, 193, 219 looks on a white background.

Color Contrast Check

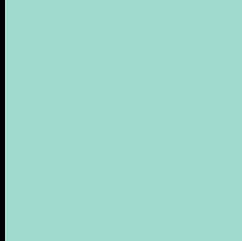
Large Text (above 18pt) WCAG AA × Fail

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 161, 193, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

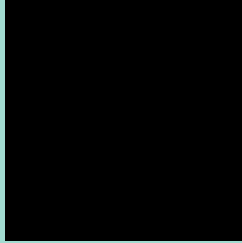
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

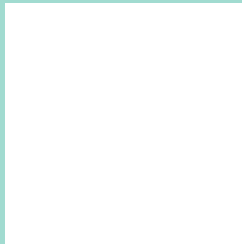
Any Text WCAG AAA ✓ Pass

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

RYB 161, 193, 219 Background



This preview shows how black text looks on a background with the RYB color 161, 193, 219.

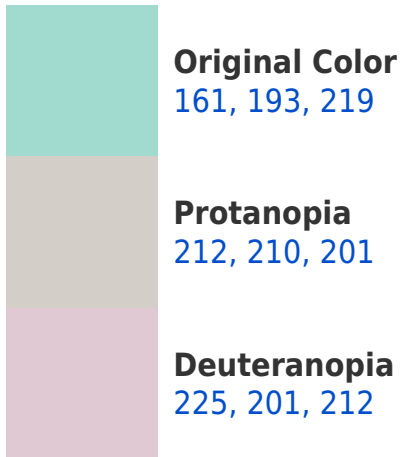


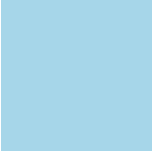
This preview shows how white text looks on a background with the RYB color 161, 193, 219.

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





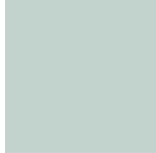
Tritanopia
166, 194, 233

Trichromacy



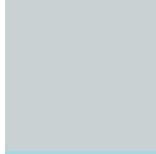
Original Color

161, 193, 219



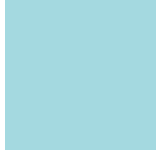
Protanomaly

193, 204, 211



Deuteranomaly

202, 206, 211



Tritanomaly

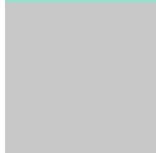
164, 192, 224

Monochromacy



Original Color

161, 193, 219



Achromatopsia

200, 200, 200



Achromatomaly

186, 198, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 193, 219 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(161, 219, 208)` looks like.

```
.text, #text, p{  
    color:rgb(161, 219, 208)  
}
```

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(161, 219, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 219, 208) }
```

Border

The CSS property to change the border of an element to RYB 161, 193, 219 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(161, 219, 208) }
```

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

```
.border{ border-color:rgb(161, 219, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 219, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 219, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 219, 208); box-shadow:4px 4px 4px 4px rgb(161, 219, 208) }
```

Background

The CSS property to change the background color of an element to RYB 161, 193, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 219, 208) }
```

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

```
.background{ background-color: rgb(161,  
219, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor