

Converting Colors

`RYB(129, 160, 193)`

Have a look what the booklet for
RYB(129, 160, 193) contains.

RYB(129, 160, 193)	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

R_YB(129, 160, 193)

Conversions

Conversions Part 1

Format	Color
Hex	81BDC1
RGB	129, 189, 193
RGB Percent	51%, 74%, 76%
CMY	0.4941, 0.2583, 0.2431
CMYK	0.33, 0.02, 0.00, 0.24
HSL	184°, 34%, 63%
HSV	184°, 33%, 76%
XYZ	36.9026, 44.9647, 57.1862
YIQ	171.5160, -37.0440, -11.4760

Conversions

Conversions Part 2

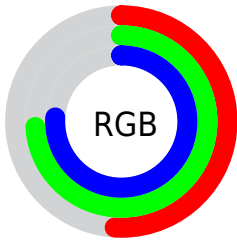
Format	Color
RYB	129, 160, 193
Decimal	8502721
CIELab	72.87, -18.29, -8.14
CIELCh	73, 20.023, 203.994
Yxy	44.9647, 0.2654, 0.3234
Android (android.graphics.Color)	4286692801 (0xFF81BDC1)
YUV	171.5160, 10.5916, -37.2865
Hunter-Lab	67.0558, -19.1142, -3.6244

Details

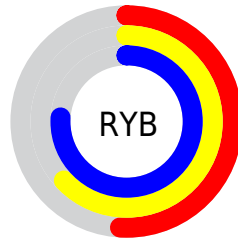
The RYB color **129, 160, 193** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **193, 133, 129**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **184, 215, 249**, and **76, 107, 140** is the 20% darker color. If you saturate the color by 10%, you get **110, 150, 193**, and if you desaturate by 10%, it is **148, 170, 193**.

Distribution



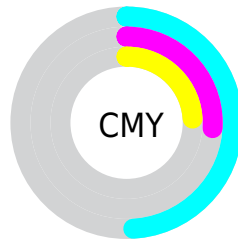
- Red (51%)
- Green (74%)
- Blue (76%)



- Red (51%)
- Yellow (63%)
- Blue (76%)



- Cyan (33%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 160, 193 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 129, 160, 193 by changing the saturation by 10% instead.

 129, 160, 193


255, 255, 255


 184, 216, 249

 212, 234, 255


 241, 248, 255


 129, 160, 193

 102, 133, 166


 76, 107, 140

 49, 80, 114

 20, 54, 90


 0, 32, 66


 0, 21, 44

 0, 11, 24


 0, 0, 0

 129, 160, 193


 129, 160, 193

 110, 150, 193


 148, 170, 193


 90, 140, 193


 168, 180, 193


 71, 130, 193


 187, 190, 193

 52, 120, 193

 206, 194, 193

 32, 110, 193

 226, 195, 193

 13, 100, 193

 245, 196, 193

 0, 93, 193

 255, 197, 193

 255, 198, 193

 255, 201, 193

Harmonies

Analogous

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



138, 168, 189



129, 160, 193



134, 165, 208

Triad

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



129, 160, 193



199, 170, 201



177, 197, 143

Complementary

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



129, 160, 193



193, 133, 129

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.



211, 180, 150



129, 160, 193



213, 166, 183

Square

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



129, 160, 193



177, 175, 212



217, 167, 165



145, 182, 150

Rectangle

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



129, 160, 193



146, 170, 214



217, 167, 165



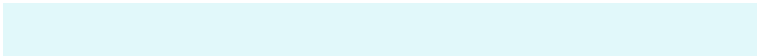
198, 202, 144

Sweetspot

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



129, 160, 193



225, 237, 250



129, 190, 193



110, 117, 125



252, 252, 252



125, 125, 125

Same Dimension

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



129, 160, 193



150, 198, 250



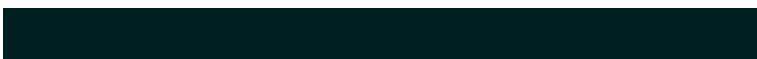
129, 149, 193



87, 92, 97



0, 78, 161



0, 16, 33

Inverse Universe

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



193, 129, 189



250, 150, 244



182, 193, 129



97, 87, 96



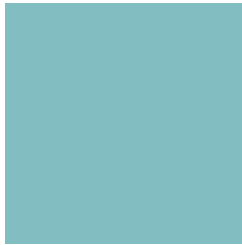
161, 0, 151



33, 0, 31

Previews

White Background



This preview shows how the RYB color 129, 160, 193 looks on a white background.

Color Contrast Check

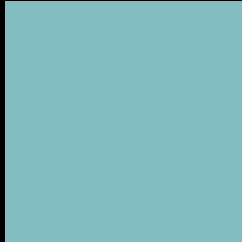
Large Text (above 18pt) WCAG AA × Fail

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 129, 160, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

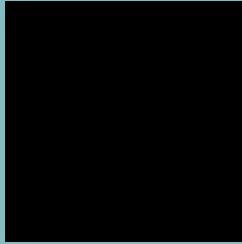
Any Text WCAG AA ✓ Pass

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 129, 160, 193 Background



This preview shows how black text looks on a background with the RYB color 129, 160, 193.

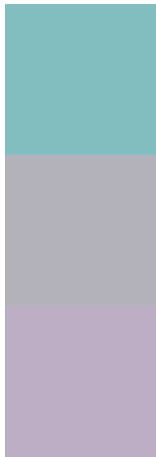


This preview shows how white text looks on a background with the RYB color 129, 160, 193.

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](#).

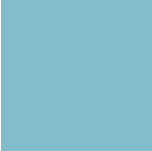
Dichromacy



Original Color
129, 160, 193

Protanopia
179, 177, 186

Deuteranopia
187, 173, 196



Tritanopia
131, 163, 203

Trichromacy



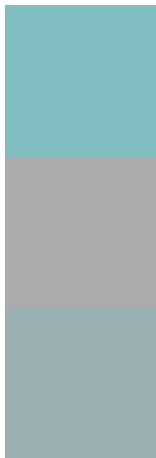
Original Color
129, 160, 193

Protanomaly
161, 173, 189

Deuteranomaly
166, 175, 195

Tritanomaly
130, 162, 199

Monochromacy



Original Color
129, 160, 193

Achromatopsia
172, 172, 172

Achromatomaly
156, 167, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 160, 193 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(129, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(129, 189, 193)  
}
```

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(129, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 189, 193) }
```

Border

The CSS property to change the border of an element to RYB 129, 160, 193 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(129, 189, 193) }
```

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

```
.border{ border-color:rgb(129, 189, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(129, 189,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 129, 160, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 189, 193) }
```

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

```
.background{ background-color: rgb(129,  
189, 193) }
```

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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