

Converting Colors

`RYB(130, 160, 186)`

Have a look what the booklet for
RYB(130, 160, 186) contains.

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Color

R_YB(130, 160, 186)

Conversions

Conversions Part 1

Format	Color
Hex	82BAB3
RGB	130, 186, 179
RGB Percent	51%, 73%, 70%
CMY	0.4902, 0.2706, 0.2999
CMYK	0.30, 0.00, 0.04, 0.27
HSL	172°, 29%, 62%
HSV	172°, 30%, 73%
XYZ	34.8544, 43.0995, 48.8828
YIQ	168.4580, -31.1290, -14.0490

Conversions

Conversions Part 2

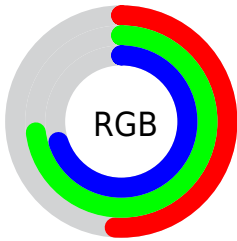
Format	Color
RYB	130, 160, 186
Decimal	8567475
CIELab	71.62, -19.80, -2.07
CIELCh	72, 19.906, 185.967
Yxy	43.0995, 0.2748, 0.3398
Android (android.graphics.Color)	4286757555 (0xFF82BAB3)
YUV	168.4580, 5.1972, -33.7277
Hunter-Lab	65.6502, -20.1203, 1.8081

Details

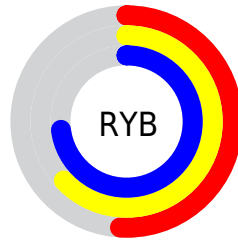
The RYB color **130, 160, 186** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **186, 130, 137**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **185, 215, 242**, and **78, 107, 133** is the 20% darker color. If you saturate the color by 10%, you get **111, 151, 186**, and if you desaturate by 10%, it is **149, 169, 186**.

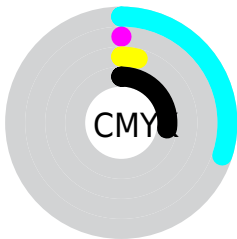
Distribution



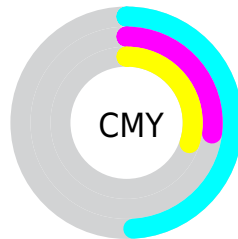
- Red (51%)
- Green (73%)
- Blue (70%)



- Red (51%)
- Yellow (63%)
- Blue (73%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)




- Cyan (49%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 160, 186 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 130, 160, 186 by changing the saturation by 10% instead.


 130, 160, 186


255, 255, 255

 185, 216, 242

 213, 234, 255

 242, 249, 255

 130, 160, 186

 104, 133, 159

 78, 107, 133

 53, 82, 107

 26, 56, 83


 0, 31, 59

 0, 20, 37

 0, 6, 12

 0, 0, 0

 130, 160, 186

 130, 160, 186

■ 111, 151, 186

■ 149, 169, 186

■ 93, 143, 186

■ 167, 177, 186

■ 74, 134, 186

■ 186, 186, 186

■ 56, 126, 186

■ 204, 186, 188

■ 37, 117, 186

■ 223, 186, 191

■ 18, 108, 186

■ 242, 186, 193

■ 0, 100, 186

■ 255, 186, 196

■ 255, 186, 198

■ 255, 186, 201

Harmonies

Analogous

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



145, 174, 185



130, 160, 186



126, 158, 196

Triad

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



130, 160, 186



183, 170, 205



202, 189, 143

Complementary

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



130, 160, 186



186, 130, 137

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.



212, 167, 155



130, 160, 186



202, 165, 191

Square

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



130, 160, 186



159, 172, 211



212, 163, 172



153, 186, 139

Rectangle

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



130, 160, 186



132, 162, 205



212, 163, 172



206, 181, 146

Sweetspot

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



130, 160, 186



220, 232, 242



130, 186, 179



109, 116, 122



250, 250, 250



122, 122, 122

Same Dimension

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



130, 160, 186



155, 201, 242



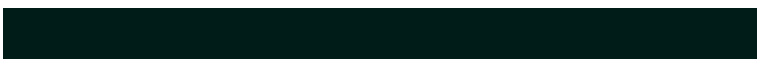
130, 152, 186



83, 88, 92



0, 84, 156



0, 15, 28

Inverse Universe

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



186, 130, 137



242, 155, 167



186, 164, 130



92, 83, 84



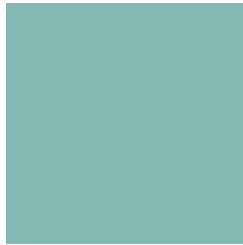
156, 0, 21



28, 0, 4

Previews

White Background



This preview shows how the RYB color 130, 160, 186 looks on a white background.

Color Contrast Check

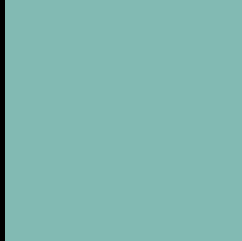
Large Text (above 18pt) WCAG AA × Fail

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 130, 160, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

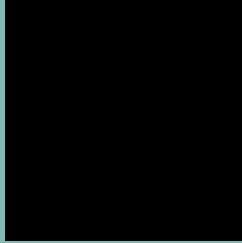
Any Text WCAG AA ✓ Pass

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 130, 160, 186 Background



This preview shows how black text looks on a background with the RYB color 130, 160, 186.



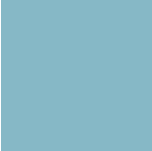
This preview shows how white text looks on a background with the RYB color 130, 160, 186.

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](#).

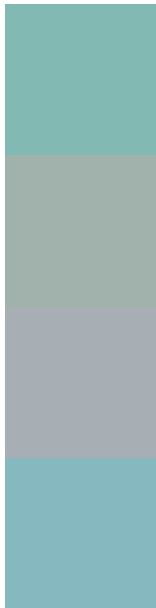
Dichromacy





Tritanopia
134, 162, 198

Trichromacy



Original Color
130, 160, 186

Protanomaly
161, 171, 178

Deuteranomaly
167, 172, 181

Tritanomaly
133, 160, 191

Monochromacy



Original Color
130, 160, 186

Achromatopsia
168, 168, 168

Achromatomaly
154, 165, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 160, 186 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(130, 186, 179)` looks like.

```
.text, #text, p{  
    color:rgb(130, 186, 179)  
}
```

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(130, 186, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 186, 179) }
```

Border

The CSS property to change the border of an element to RYB 130, 160, 186 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(130, 186, 179) }
```

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

```
.border{ border-color:rgb(130, 186, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 186, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 186, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 186, 179);  
box-shadow:4px 4px 4px 4px rgb(130, 186,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 130, 160, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 186, 179) }
```

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

```
.background{ background-color: rgb(130,  
186, 179) }
```

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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