

Converting Colors

`RYB(131, 161, 189)`

Have a look what the booklet for
RYB(131, 161, 189) contains.

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Color

R_YB(131, 161, 189)

Conversions

Conversions Part 1

Format	Color
Hex	83BDB9
RGB	131, 189, 185
RGB Percent	51%, 74%, 73%
CMY	0.4863, 0.2588, 0.2740
CMYK	0.31, 0.00, 0.02, 0.26
HSL	176°, 31%, 63%
HSV	176°, 31%, 74%
XYZ	36.3287, 44.7289, 52.6916
YIQ	171.2020, -33.2840, -13.5400

Conversions

Conversions Part 2

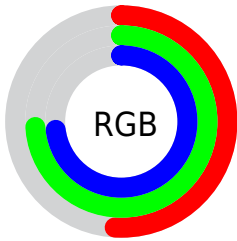
Format	Color
RYB	131, 161, 189
Decimal	8633785
CIELab	72.71, -19.52, -4.07
CIElCh	73, 19.942, 191.768
Yxy	44.7289, 0.2716, 0.3344
Android (android.graphics.Color)	4286823865 (0xFF83BDB9)
YUV	171.2020, 6.8024, -35.2572
Hunter-Lab	66.8797, -20.0791, 0.1038

Details

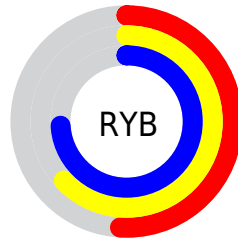
The RYB color **131, 161, 189** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **189, 131, 135**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **186, 217, 245**, and **79, 109, 136** is the 20% darker color. If you saturate the color by 10%, you get **112, 152, 189**, and if you desaturate by 10%, it is **150, 170, 189**.

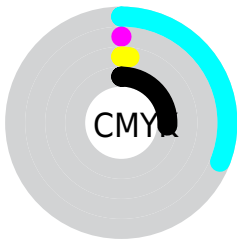
Distribution



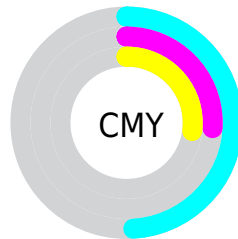
- Red (51%)
- Green (74%)
- Blue (73%)



- Red (51%)
- Yellow (63%)
- Blue (74%)



- Cyan (31%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)




- Cyan (49%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 161, 189 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 131, 161, 189 by changing the saturation by 10% instead.


 131, 161, 189

255, 255, 255


 186, 217, 245

 214, 235, 255

 243, 249, 255

 131, 161, 189

 105, 135, 162

 79, 109, 136

 53, 82, 110


 26, 56, 85


 0, 32, 62

 0, 21, 40

 0, 9, 18

 0, 0, 0

 131, 161, 189

 131, 161, 189

■ 112, 152, 189

■ 150, 170, 189

■ 93, 143, 189

■ 169, 179, 189

■ 74, 134, 189

■ 188, 189, 189

■ 55, 124, 189

■ 207, 189, 190

■ 36, 115, 189

■ 226, 189, 191

■ 18, 106, 189

■ 244, 189, 193

■ 0, 98, 189

■ 255, 189, 194

■ 255, 189, 195

■ 255, 189, 196

Harmonies

Analogous

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



145, 174, 188



131, 161, 189



130, 162, 202

Triad

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



131, 161, 189



191, 171, 206



203, 201, 144

Complementary

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



131, 161, 189



189, 131, 135

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.



214, 172, 155



131, 161, 189



208, 167, 190

Square

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



131, 161, 189



167, 176, 214



216, 166, 172



150, 185, 143

Rectangle

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



131, 161, 189



138, 166, 210



216, 166, 172



207, 187, 147

Sweetspot

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



131, 161, 189



223, 235, 245



131, 189, 185



109, 116, 122



250, 250, 250



122, 122, 122

Same Dimension

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



131, 161, 189



154, 201, 245



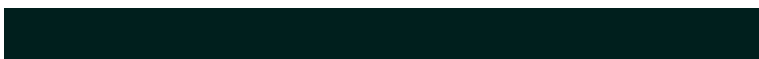
131, 152, 189



85, 90, 94



0, 82, 158



0, 16, 31

Inverse Universe

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



189, 131, 135



245, 154, 160



189, 175, 131



94, 85, 86



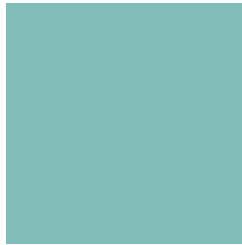
158, 0, 11



31, 0, 2

Previews

White Background



This preview shows how the RYB color 131, 161, 189 looks on a white background.

Color Contrast Check

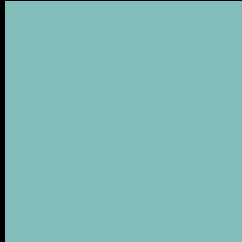
Large Text (above 18pt) WCAG AA × Fail

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 131, 161, 189 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

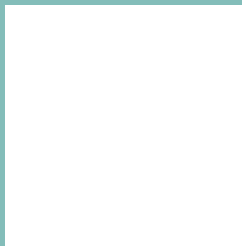
Any Text WCAG AAA ✓ Pass

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

RYB 131, 161, 189 Background



This preview shows how black text looks on a background with the RYB color 131, 161, 189.



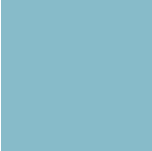
This preview shows how white text looks on a background with the RYB color 131, 161, 189.

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
135, 164, 201

Trichromacy



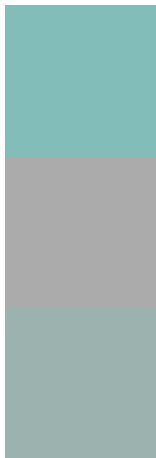
Original Color
131, 161, 189

Protanomaly
163, 172, 181

Deuteranomaly
169, 176, 188

Tritanomaly
134, 163, 195

Monochromacy



Original Color
131, 161, 189

Achromatopsia
171, 171, 171

Achromatomaly
156, 168, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 161, 189 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(131, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(131, 189, 185)  
}
```

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(131, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 189, 185) }
```

Border

The CSS property to change the border of an element to RYB 131, 161, 189 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(131, 189, 185) }
```

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

```
.border{ border-color:rgb(131, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(131, 189,  
185) }
```

Background

The CSS property to change the background color of an element to RYB 131, 161, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 189, 185) }
```

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

```
.background{ background-color: rgb(131,  
189, 185) }
```

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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