

Converting Colors

`RYB(131, 175, 185)`

Have a look what the booklet for
RYB(131, 175, 185) contains.

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Color

R_YB(131, 175, 185)

Conversions

Conversions Part 1

Format	Color
Hex	83B98F
RGB	131, 185, 143
RGB Percent	51%, 73%, 56%
CMY	0.4863, 0.2745, 0.4381
CMYK	0.29, 0.00, 0.23, 0.27
HSL	134°, 28%, 62%
HSV	134°, 29%, 73%
XYZ	31.6877, 41.5147, 32.4381
YIQ	164.0660, -18.7020, -24.5100

Conversions

Conversions Part 2

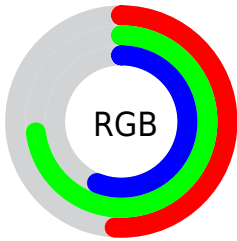
Format	Color
RYB	131, 175, 185
Decimal	8632719
CIELab	70.54, -26.30, 15.62
CIELCh	71, 30.586, 149.285
Yxy	41.5147, 0.3000, 0.3930
Android (android.graphics.Color)	4286822799 (0xFF83B98F)
YUV	164.0660, -10.3855, -28.9989
Hunter-Lab	64.4319, -24.9693, 15.2529

Details

The RYB color **131, 175, 185** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **185, 131, 173**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **185, 231, 241**, and **80, 122, 132** is the 20% darker color. If you saturate the color by 10%, you get **113, 172, 185**, and if you desaturate by 10%, it is **149, 178, 185**.

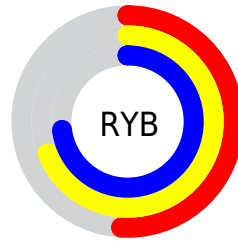
Distribution



Red (51%)

Green (73%)

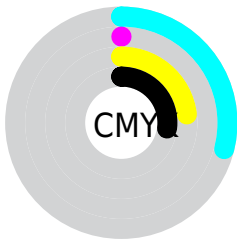
Blue (56%)



Red (51%)

Yellow (69%)

Blue (73%)

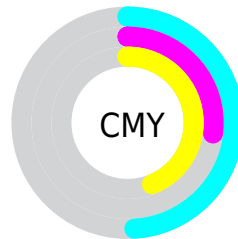


Cyan (29%)

Magenta (0%)

Yellow (23%)

Black (27%)



Cyan (49%)


Magenta (27%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 175, 185 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, 175, 185 by changing the saturation by 10% instead.


 131, 175, 185

255, 255, 255


 185, 231, 241

 213, 246, 255

 242, 249, 255

 131, 175, 185

 105, 148, 158

 80, 122, 132

 55, 95, 106


 30, 69, 82


 1, 41, 58

 0, 36, 36

 0, 4, 4


 0, 0, 0

 131, 175, 185


 131, 175, 185

 113, 172, 185


 149, 178, 185

 94, 168, 185


 168, 182, 185


 75, 165, 185


 187, 185, 186


 57, 161, 185

 205, 185, 200

 39, 158, 185

 223, 185, 215

 20, 154, 185

 242, 185, 229

 1, 151, 185

 255, 185, 243

 0, 151, 185

 255, 185, 255

Harmonies

Analogous

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



123, 179, 139



131, 175, 185



100, 149, 188

Triad

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



131, 175, 185



135, 163, 228



227, 155, 147

Complementary

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



131, 175, 185



185, 131, 173

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.



225, 152, 174



131, 175, 185



176, 166, 221

Square

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



131, 175, 185



97, 148, 220



207, 157, 201



215, 184, 126

Rectangle

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



131, 175, 185



85, 137, 190



207, 157, 201



228, 152, 155

Sweetspot

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



131, 175, 185



218, 236, 240



131, 185, 143



107, 118, 120



247, 247, 247



120, 120, 120

Same Dimension

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



131, 175, 185



156, 225, 240



131, 162, 185



83, 90, 92



0, 127, 156



0, 23, 28

Inverse Universe

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



185, 131, 173



240, 156, 221



185, 131, 146



92, 83, 90



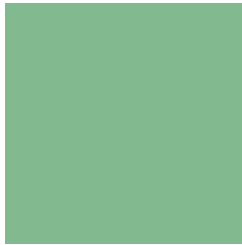
156, 0, 120



28, 0, 22

Previews

White Background



This preview shows how the RYB color 131, 175, 185 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, 175, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

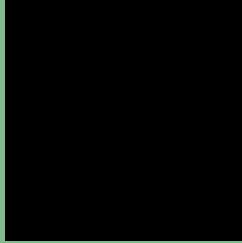
Any Text WCAG AA ✓ Pass

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, 175, 185 Background



This preview shows how black text looks on a background with the RYB color 131, 175, 185.



This preview shows how white text looks on a background with the RYB color 131, 175, 185.

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](#).

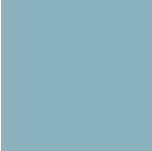
Dichromacy



Original Color
131, 175, 185

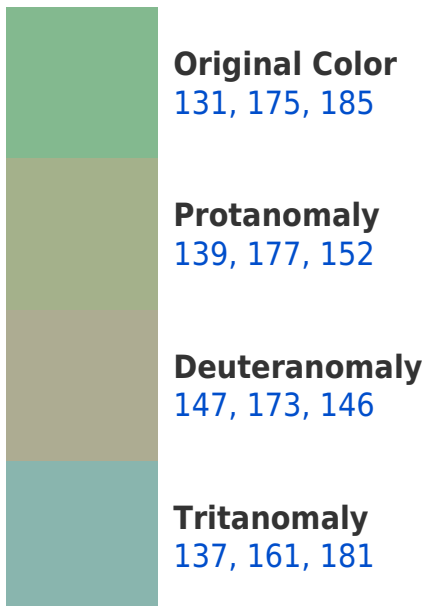
Protanopia
151, 183, 137

Deuteranopia
197, 175, 147

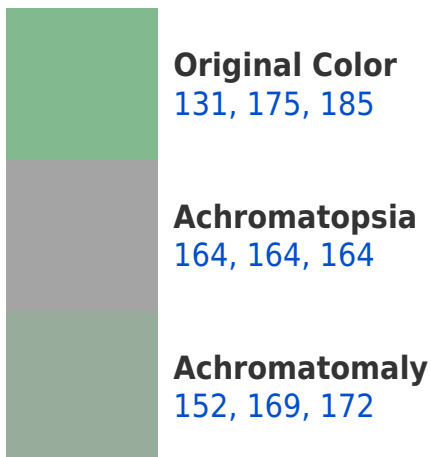


Tritanopia
140, 162, 193

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 175, 185 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, 185, 143)` looks like.

```
.text, #text, p{  
    color:rgb(131, 185, 143)  
}
```

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, 185, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 185, 143) }
```

Border

The CSS property to change the border of an element to RYB 131, 175, 185 is called "border". The border property can be set on classes, ids or directly on the HTML element.

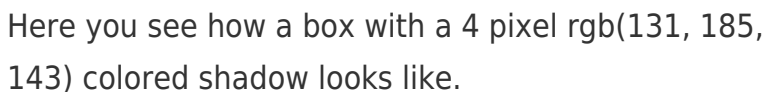
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 185, 143) }
```

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

```
.border{ border-color:rgb(131, 185, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(131, 185, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 185, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 185, 143);  
box-shadow:4px 4px 4px 4px rgb(131, 185,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 131, 175, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 185, 143) }
```

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

```
.background{ background-color: rgb(131,  
185, 143) }
```

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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