

Converting Colors

`RYB(129, 163, 184)`

Have a look what the booklet for
RYB(129, 163, 184) contains.

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Color

R_YB(129, 163, 184)

Conversions

Conversions Part 1

Format	Color
Hex	81B8A3
RGB	129, 184, 163
RGB Percent	51%, 72%, 64%
CMY	0.4941, 0.2784, 0.3609
CMYK	0.30, 0.00, 0.11, 0.28
HSL	157°, 28%, 61%
HSV	157°, 30%, 72%
XYZ	32.8020, 41.5914, 40.9356
YIQ	165.1610, -26.0390, -18.1910

Conversions

Conversions Part 2

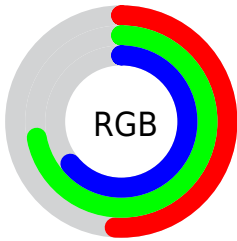
Format	Color
RYB	129, 163, 184
Decimal	8501411
CIELab	70.59, -22.51, 4.94
CIELCh	71, 23.044, 167.616
Yxy	41.5914, 0.2844, 0.3606
Android (android.graphics.Color)	4286691491 (0xFF81B8A3)
YUV	165.1610, -1.0654, -31.7132
Hunter-Lab	64.4914, -22.0703, 7.5099

Details

The RYB color **129, 163, 184** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **184, 129, 150**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **183, 218, 240**, and **78, 111, 131** is the 20% darker color. If you saturate the color by 10%, you get **111, 156, 184**, and if you desaturate by 10%, it is **147, 170, 184**.

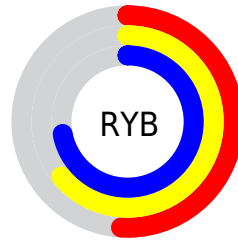
Distribution



Red (51%)

Green (72%)

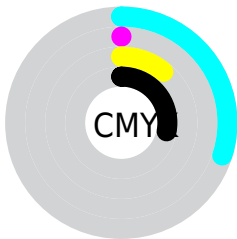
Blue (64%)



Red (51%)

Yellow (64%)

Blue (72%)

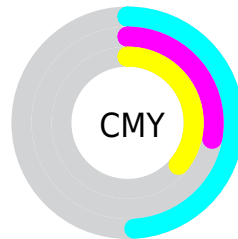


Cyan (30%)

Magenta (0%)

Yellow (11%)

Black (28%)



Cyan (49%)

Magenta (28%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 163, 184 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, 163, 184 by changing the saturation by 10% instead.

 129, 163, 184

255, 255, 255


 183, 218, 240

 211, 236, 255

 240, 248, 255


 129, 163, 184

 103, 136, 157

 78, 111, 131

 53, 84, 105

 27, 59, 81


 0, 34, 58


 0, 23, 36


 0, 4, 4


 0, 0, 0

 129, 163, 184


 129, 163, 184

 111, 156, 184


 147, 170, 184

 92, 149, 184


 166, 177, 184


 74, 142, 184


 184, 184, 184

 55, 135, 184

 203, 184, 191

 37, 128, 184

 221, 184, 198

 19, 121, 184

 239, 184, 205

 0, 114, 184

 255, 184, 212

 255, 184, 219

 255, 184, 226

Harmonies

Analogous

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



144, 181, 173



129, 163, 184



114, 150, 185

Triad

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



129, 163, 184



165, 170, 212



211, 169, 143

Complementary

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



129, 163, 184



184, 129, 150

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.



216, 158, 161



129, 163, 184



191, 163, 201

Square

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



129, 163, 184



136, 163, 213



209, 159, 182



182, 196, 132

Rectangle

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



129, 163, 184



114, 152, 197



209, 159, 182



214, 163, 148

Sweetspot

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



129, 163, 184



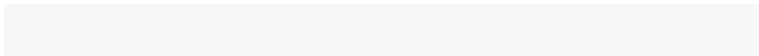
218, 232, 240



129, 184, 163



107, 115, 120



247, 247, 247



120, 120, 120

Same Dimension

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



129, 163, 184



153, 207, 240



129, 155, 184



83, 89, 92



0, 97, 156



0, 17, 28

Inverse Universe

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



184, 129, 150



240, 153, 186



184, 136, 129



92, 83, 86



156, 0, 59



28, 0, 11

Previews

White Background



This preview shows how the RYB color 129, 163, 184 looks on a white background.

Color Contrast Check

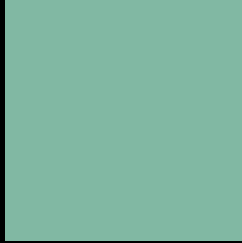
Large Text (above 18pt) WCAG AA × Fail

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, 163, 184 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](#).

RYP 129, 163, 184 Background



This preview shows how black text looks on a background with the RYB color 129, 163, 184.

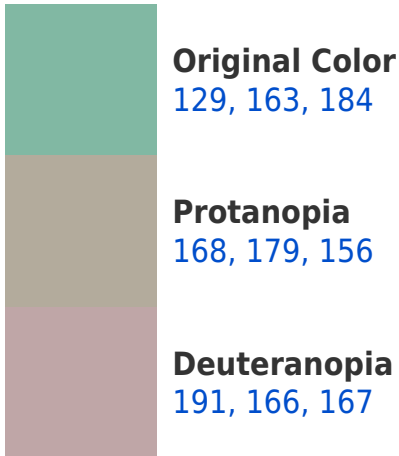


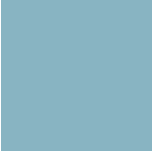
This preview shows how white text looks on a background with the RYB color 129, 163, 184.

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](#).

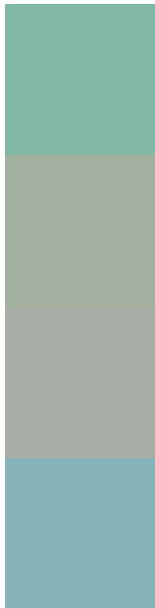
Dichromacy





Tritanopia
136, 161, 194

Trichromacy



Original Color
129, 163, 184

Protanomaly
159, 176, 174

Deuteranomaly
166, 173, 171

Tritanomaly
133, 157, 183

Monochromacy



Original Color
129, 163, 184

Achromatopsia
165, 165, 165

Achromatomaly
152, 165, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 163, 184 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, 184, 163)` looks like.

```
.text, #text, p{  
    color:rgb(129, 184, 163)  
}
```

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, 184, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 184, 163) }
```

Border

The CSS property to change the border of an element to RYB 129, 163, 184 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, 184, 163) }
```

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

```
.border{ border-color:rgb(129, 184, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 184, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 184, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 184, 163);  
box-shadow:4px 4px 4px 4px rgb(129, 184,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 129, 163, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 184, 163) }
```

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

```
.background{ background-color: rgb(129,  
184, 163) }
```

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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