

Converting Colors

`RYB(129, 203, 157)`

Have a look what the booklet for
RYB(129, 203, 157) contains.

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Color

R_YB(129, 203, 157)

Conversions

Conversions Part 1

Format	Color
Hex	AFCB81
RGB	175, 203, 129
RGB Percent	69%, 80%, 51%
CMY	0.3137, 0.2039, 0.4941
CMYK	0.14, 0.00, 0.36, 0.20
HSL	83°, 42%, 65%
HSV	83°, 36%, 80%
XYZ	42.9976, 53.4108, 28.8120
YIQ	186.1920, 7.0660, -28.9500

Conversions

Conversions Part 2

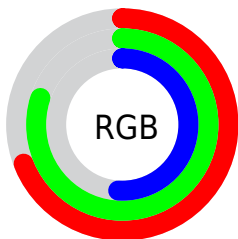
Format	Color
RYB	129, 203, 157
Decimal	11520897
CIELab	78.12, -21.85, 33.87
CIELCh	78, 40.304, 122.823
Yxy	53.4108, 0.3434, 0.4265
Android (android.graphics.Color)	4289710977 (0xFFAFCB81)
YUV	186.1920, -28.1957, -9.8154
Hunter-Lab	73.0827, -22.8758, 27.7835

Details

The RYB color **129, 203, 157** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **157, 129, 203**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **183, 255, 207**, and **78, 149, 106** is the 20% darker color. If you saturate the color by 10%, you get **109, 203, 145**, and if you desaturate by 10%, it is **149, 203, 169**.

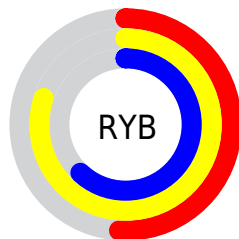
Distribution



Red (69%)

Green (80%)

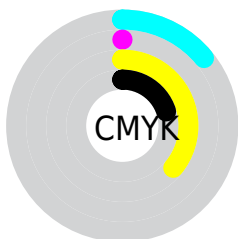
Blue (51%)



Red (51%)

Yellow (80%)

Blue (62%)

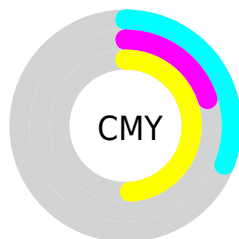


Cyan (14%)

Magenta (0%)

Yellow (36%)

Black (20%)



Cyan (31%)

Magenta (20%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 203, 157 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, 203, 157 by changing the saturation by 10% instead.

 129, 203, 157

255, 255, 255


 183, 255, 207

 211, 255, 211


 239, 255, 239

 129, 203, 157

 103, 176, 131

 78, 149, 106

 54, 123, 81

 31, 98, 58

 5, 74, 33

 0, 51, 27

 0, 31, 31

 0, 0, 0

 129, 203, 157

 129, 203, 157

■ 109, 203, 145

■ 149, 203, 169

■ 88, 203, 131

■ 170, 203, 183

■ 68, 203, 119

■ 190, 203, 195

■ 48, 203, 107

■ 206, 203, 210

■ 27, 203, 93

■ 213, 203, 231

■ 7, 203, 81

■ 221, 203, 251

■ 0, 203, 77

■ 229, 203, 255

■ 236, 203, 255

■ 244, 203, 255

Harmonies

Analogous

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



148, 215, 118



129, 203, 157



130, 189, 210

Triad

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



129, 203, 157



81, 154, 255



255, 164, 191

Complementary

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



129, 203, 157



157, 129, 203

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.



243, 170, 228



129, 203, 157



145, 180, 255

Square

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



129, 203, 157



41, 131, 232



202, 182, 255



255, 170, 154

Rectangle

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



129, 203, 157



97, 164, 213



202, 182, 255



255, 165, 204

Sweetspot

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



129, 203, 157



227, 255, 238



203, 172, 129



111, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



129, 203, 157



143, 255, 185



129, 203, 193



92, 102, 96



0, 166, 63



0, 38, 14

Inverse Universe

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



157, 129, 203



185, 143, 255



193, 129, 203



96, 92, 102



63, 0, 166



14, 0, 38

Previews

White Background



This preview shows how the RYB color 129, 203, 157 looks on a white background.

Color Contrast Check

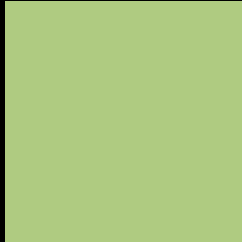
Large Text (above 18pt) WCAG AA × Fail

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, 203, 157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

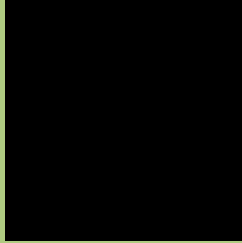
Any Text WCAG AA ✓ Pass

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, 203, 157 Background



This preview shows how black text looks on a background with the RYB color 129, 203, 157.

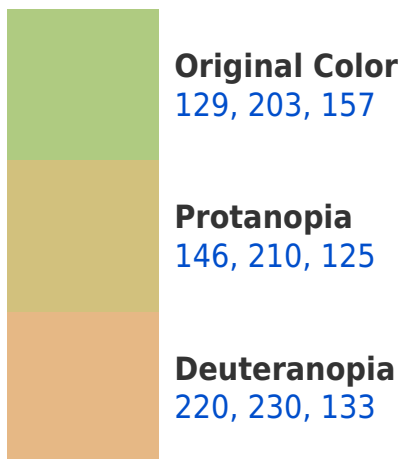


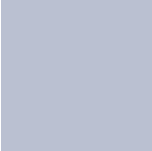
This preview shows how white text looks on a background with the RYB color 129, 203, 157.

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
186, 191, 209

Trichromacy



Original Color
129, 203, 157

Protanomaly
126, 197, 126

Deuteranomaly
157, 210, 132

Tritanomaly
180, 197, 195

Monochromacy



Original Color
129, 203, 157

Achromatopsia
186, 186, 186

Achromatomaly
165, 192, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 203, 157 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(175, 203, 129)` looks like.

```
.text, #text, p{  
    color:rgb(175, 203, 129)  
}
```

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(175, 203, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 203, 129) }
```

Border

The CSS property to change the border of an element to RYB 129, 203, 157 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(175, 203, 129) }
```

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

```
.border{ border-color:rgb(175, 203, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 203, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 203, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 203, 129); box-shadow:4px 4px 4px 4px rgb(175, 203, 129) }
```

Background

The CSS property to change the background color of an element to RYB 129, 203, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 203, 129) }
```

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

```
.background{ background-color: rgb(175,  
203, 129) }
```

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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