

Converting Colors

`RYB(135, 177, 129)`

Have a look what the booklet for
RYB(135, 177, 129) contains.

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Color

R_YB(135, 177, 129)

Conversions

Conversions Part 1

Format	Color
Hex	B1AC81
RGB	177, 172, 129
RGB Percent	69%, 67%, 51%
CMY	0.3059, 0.3268, 0.4941
CMYK	0.00, 0.03, 0.27, 0.31
HSL	53°, 24%, 60%
HSV	53°, 27%, 69%
XYZ	36.7831, 40.3104, 26.6109
YIQ	168.5930, 16.7830, -12.3130

Conversions

Conversions Part 2

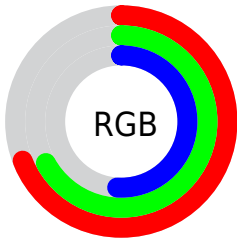
Format	Color
RYB	135, 177, 129
Decimal	11644033
CIELab	69.69, -4.99, 22.70
CIELCh	70, 23.239, 102.389
Yxy	40.3104, 0.3547, 0.3887
Android (android.graphics.Color)	4289834113 (0xFFB1AC81)
YUV	168.5930, -19.5193, 7.3729
Hunter-Lab	63.4905, -7.6948, 19.5930

Details

The RYB color **135, 177, 129** is a light color, and the websafe version is hex **999966**. A complement of this color would be **129, 134, 177**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **189, 233, 182**, and **83, 124, 79** is the 20% darker color. If you saturate the color by 10%, you get **119, 177, 111**, and if you desaturate by 10%, it is **150, 177, 147**.

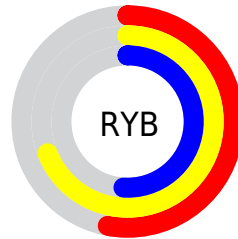
Distribution



Red (69%)

Green (67%)

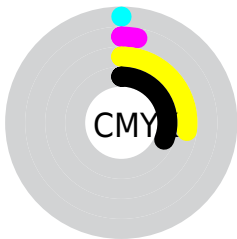
Blue (51%)



Red (53%)

Yellow (69%)

Blue (51%)

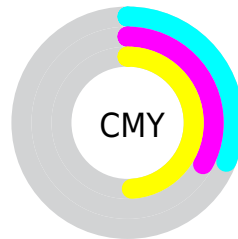


Cyan (0%)

Magenta (3%)

Yellow (27%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 177, 129 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 135, 177, 129 by changing the saturation by 10% instead.

 135, 177, 129


255, 255, 255

 189, 233, 182

 210, 255, 210

 238, 255, 238

 135, 177, 129


 110, 150, 104

 83, 124, 79

 59, 98, 56

 37, 74, 34

 14, 51, 12


 1, 29, 0

 0, 0, 0

 135, 177, 129

 119, 177, 111

 135, 177, 129

 150, 177, 147

■ 104, 177, 94

■ 165, 177, 164

■ 88, 177, 76

■ 177, 178, 182

■ 73, 177, 58

■ 177, 180, 200

■ 58, 177, 41

■ 177, 181, 218

■ 42, 177, 23

■ 177, 182, 235

■ 26, 177, 5

■ 177, 184, 253

■ 23, 177, 0

■ 177, 186, 255

■ 177, 187, 255

Harmonies

Analogous

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



193, 197, 131



135, 177, 129



139, 178, 164

Triad

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



135, 177, 129



112, 150, 198



205, 157, 184

Complementary

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



135, 177, 129



129, 134, 177

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.



185, 162, 201



135, 177, 129



129, 159, 210

Square

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



135, 177, 129



113, 149, 182



157, 167, 211



213, 155, 162

Rectangle

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



135, 177, 129



137, 170, 180



157, 167, 211



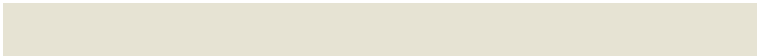
199, 158, 190

Sweetspot

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



135, 177, 129



215, 230, 211



177, 129, 135



105, 115, 103



242, 242, 242



115, 115, 115

Same Dimension

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



135, 177, 129



164, 230, 154



129, 177, 147



81, 89, 80



19, 153, 0



3, 26, 0

Inverse Universe

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



129, 134, 177



154, 161, 230



147, 129, 177



80, 81, 89



0, 15, 153



0, 3, 26

Previews

White Background



This preview shows how the RYB color 135, 177, 129 looks on a white background.

Color Contrast Check

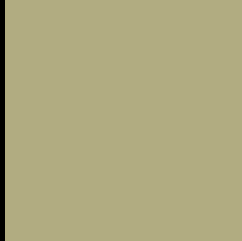
Large Text (above 18pt) WCAG AA × Fail

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 135, 177, 129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

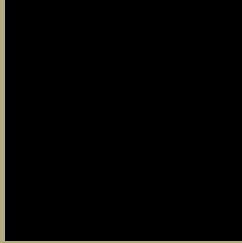
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

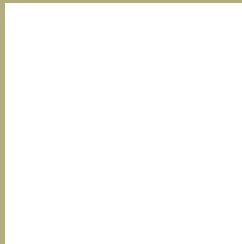
Any Text WCAG AAA ✓ Pass

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

RYB 135, 177, 129 Background



This preview shows how black text looks on a background with the RYB color 135, 177, 129.



This preview shows how white text looks on a background with the RYB color 135, 177, 129.

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


135, 177, 129

Protanopia

143, 182, 128

Deuteranopia

200, 191, 131



Tritanopia

183, 165, 178

Trichromacy



Original Color
135, 177, 129

Protanomaly
139, 180, 128

Deuteranomaly
175, 192, 130

Tritanomaly
181, 171, 160

Monochromacy



Original Color
135, 177, 129

Achromatopsia
168, 168, 168

Achromatomaly
156, 171, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 177, 129 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(177, 172, 129)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 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(177, 172, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 129) }
```

Border

The CSS property to change the border of an element to RYB 135, 177, 129 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(177, 172, 129) }
```

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

```
.border{ border-color:rgb(177, 172, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 129);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
129) }
```

Background

The CSS property to change the background color of an element to RGB 135, 177, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 129) }
```

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

```
.background{ background-color: rgb(177,  
172, 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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