

Converting Colors

`RYB(135, 176, 131)`

Have a look what the booklet for
RYB(135, 176, 131) contains.

RYB(135, 176, 131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(135, 176, 131)

Conversions

Conversions Part 1

Format	Color
Hex	B0AC83
RGB	176, 172, 131
RGB Percent	69%, 67%, 51%
CMY	0.3098, 0.3242, 0.4863
CMYK	0.00, 0.02, 0.26, 0.31
HSL	55°, 22%, 60%
HSV	55°, 26%, 69%
XYZ	36.8160, 40.4983, 27.3493
YIQ	168.5220, 15.5450, -11.9030

Conversions

Conversions Part 2

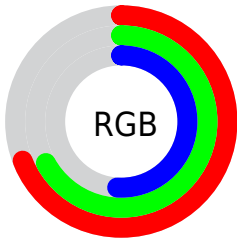
Format	Color
RYB	135, 176, 131
Decimal	11578499
CIELab	69.82, -5.45, 21.78
CIELCh	70, 22.452, 104.049
Yxy	40.4983, 0.3518, 0.3869
Android (android.graphics.Color)	4289768579 (0xFFB0AC83)
YUV	168.5220, -18.4983, 6.5582
Hunter-Lab	63.6383, -8.1013, 19.0662

Details

The RYB color **135, 176, 131** is a light color, and the websafe version is hex **999966**. A complement of this color would be **131, 135, 176**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **190, 232, 184**, and **84, 123, 81** is the 20% darker color. If you saturate the color by 10%, you get **118, 176, 113**, and if you desaturate by 10%, it is **151, 176, 149**.

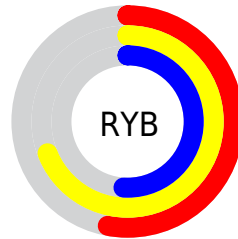
Distribution



Red (69%)

Green (67%)

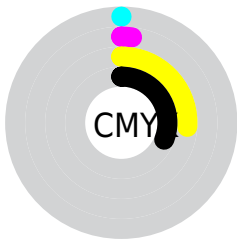
Blue (51%)



Red (53%)

Yellow (69%)

Blue (51%)

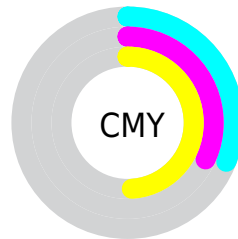


Cyan (0%)

Magenta (2%)

Yellow (26%)

Black (31%)



Cyan (31%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 176, 131 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, 176, 131 by changing the saturation by 10% instead.

 135, 176, 131


255, 255, 255

 188, 232, 184


 212, 255, 212

 240, 255, 240

 135, 176, 131

 109, 149, 106

 84, 123, 81

 61, 98, 58

 37, 73, 36

 15, 50, 14


 0, 29, 0

 0, 0, 0

 135, 176, 131

 118, 176, 113

 135, 176, 131

 151, 176, 149

■ 104, 176, 96

■ 167, 176, 166

■ 87, 176, 78

■ 176, 177, 184

■ 71, 176, 61

■ 176, 178, 201

■ 55, 176, 43

■ 176, 180, 219

■ 38, 176, 25

■ 176, 181, 237

■ 23, 176, 8

■ 176, 182, 254

■ 15, 176, 0

■ 176, 183, 255

■ 176, 184, 255

Harmonies

Analogous

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



188, 196, 132



135, 176, 131



141, 178, 166

Triad

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



135, 176, 131



115, 151, 198



205, 157, 182

Complementary

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



135, 176, 131



131, 135, 176

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.



186, 162, 200



135, 176, 131



133, 160, 209

Square

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



135, 176, 131



115, 149, 182



159, 167, 210



213, 156, 162

Rectangle

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



135, 176, 131



138, 170, 181



159, 167, 210



199, 159, 189

Sweetspot

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



135, 176, 131



213, 230, 211



176, 131, 135



104, 115, 103



242, 242, 242



115, 115, 115

Same Dimension

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



135, 176, 131



165, 230, 158



131, 176, 150



80, 89, 80



13, 153, 0



3, 26, 0

Inverse Universe

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



131, 135, 176



158, 164, 230



150, 131, 176



80, 81, 89



0, 11, 153



0, 2, 26

Previews

White Background



This preview shows how the RYB color 135, 176, 131 looks on a white background.

Color Contrast Check

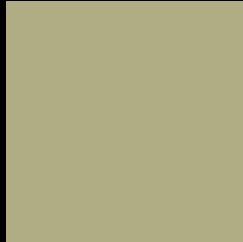
Large Text (above 18pt) WCAG AA × Fail

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, 176, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

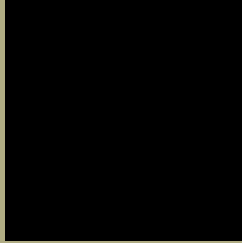
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

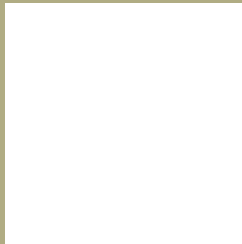
Any Text WCAG AAA ✓ Pass

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

RYB 135, 176, 131 Background



This preview shows how black text looks on a background with the RYB color 135, 176, 131.



This preview shows how white text looks on a background with the RYB color 135, 176, 131.

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, 176, 131

Protanopia

146, 182, 130

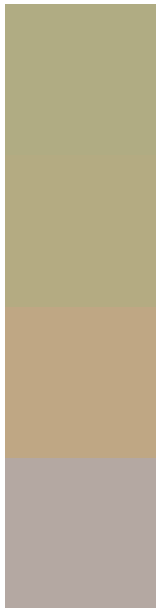
Deuteranopia

200, 191, 133



Tritanopia
182, 166, 179

Trichromacy



Original Color
135, 176, 131

Protanomaly
141, 180, 130

Deuteranomaly
172, 191, 132

Tritanomaly
180, 171, 162

Monochromacy



Original Color
135, 176, 131

Achromatopsia
169, 169, 169

Achromatomaly
157, 172, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 176, 131 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(176, 172, 131)` looks like.

```
.text, #text, p{  
    color:rgb(176, 172, 131)  
}
```

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(176, 172, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 172, 131) }
```

Border

The CSS property to change the border of an element to RYB 135, 176, 131 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(176, 172, 131) }
```

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

```
.border{ border-color:rgb(176, 172, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 172, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 172, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 172, 131);  
box-shadow:4px 4px 4px 4px rgb(176, 172,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 135, 176, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 172, 131) }
```

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

```
.background{ background-color: rgb(176,  
172, 131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor