

Converting Colors

`RYB(130, 185, 145)`

Have a look what the booklet for
RYB(130, 185, 145) contains.

RYB(130, 185, 145)	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(130, 185, 145)

Conversions

Conversions Part 1

Format	Color
Hex	AAB982
RGB	170, 185, 130
RGB Percent	67%, 73%, 51%
CMY	0.3333, 0.2745, 0.4902
CMYK	0.08, 0.00, 0.30, 0.27
HSL	76°, 28%, 62%
HSV	76°, 30%, 73%
XYZ	37.9558, 44.8557, 27.7766
YIQ	174.2450, 8.7150, -20.2850

Conversions

Conversions Part 2

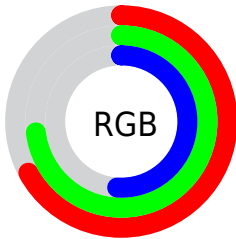
Format	Color
RYB	130, 185, 145
Decimal	11188610
CIELab	72.80, -14.55, 26.25
CIELCh	73, 30.014, 118.987
Yxy	44.8557, 0.3432, 0.4056
Android (android.graphics.Color)	4289378690 (0xFFAAB982)
YUV	174.2450, -21.8128, -3.7229
Hunter-Lab	66.9744, -16.0455, 22.2924

Details

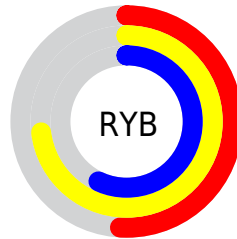
The RYB color **130, 185, 145** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **145, 130, 185**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **183, 241, 198**, and **80, 132, 95** is the 20% darker color. If you saturate the color by 10%, you get **112, 185, 132**, and if you desaturate by 10%, it is **149, 185, 159**.

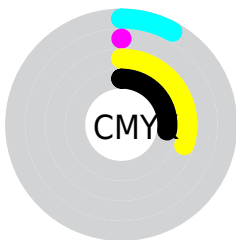
Distribution



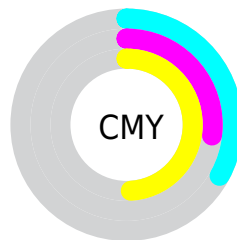
- Red (67%)
- Green (73%)
- Blue (51%)



- Red (51%)
- Yellow (73%)
- Blue (57%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)




- Cyan (33%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 185, 145 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 130, 185, 145 by changing the saturation by 10% instead.


 130, 185, 145

255, 255, 255


 183, 241, 198


 211, 255, 211

 240, 255, 240

 130, 185, 145


 105, 158, 120


 80, 132, 95

 56, 107, 71

 34, 83, 49


 12, 59, 27

 0, 38, 14

 0, 17, 17

 0, 0, 0

 130, 185, 145

 130, 185, 145

■ 112, 185, 132

■ 149, 185, 159

■ 93, 185, 118

■ 167, 185, 172

■ 74, 185, 104

■ 185, 185, 186

■ 56, 185, 91

■ 190, 185, 204

■ 38, 185, 78

■ 195, 185, 222

■ 19, 185, 64

■ 200, 185, 241

■ 1, 185, 51

■ 205, 185, 255

■ 0, 185, 50

■ 210, 185, 255

■ 215, 185, 255

Harmonies

Analogous

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



155, 199, 124



130, 185, 145



138, 181, 191

Triad

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



130, 185, 145



106, 155, 225



231, 158, 181

Complementary

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



130, 185, 145



145, 130, 185

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.



213, 163, 207



130, 185, 145



142, 169, 233

Square

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



130, 185, 145



92, 145, 204



181, 172, 227



233, 161, 153

Rectangle

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



130, 185, 145



118, 163, 193



181, 172, 227



227, 159, 190

Sweetspot

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



130, 185, 145



218, 240, 224



185, 151, 130



107, 120, 111



247, 247, 247



120, 120, 120

Same Dimension

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



130, 185, 145



153, 240, 177



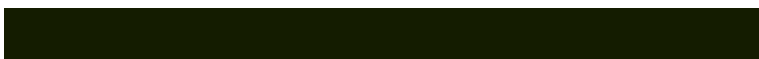
130, 185, 172



83, 92, 86



0, 156, 43



0, 28, 8

Inverse Universe

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



145, 130, 185



177, 153, 240



172, 130, 185



85, 83, 92



42, 0, 156



8, 0, 28

Previews

White Background



This preview shows how the RYB color 130, 185, 145 looks on a white background.

Color Contrast Check

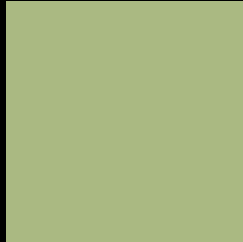
Large Text (above 18pt) WCAG AA × Fail

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 130, 185, 145 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 130, 185, 145 Background



This preview shows how black text looks on a background with the RYB color 130, 185, 145.

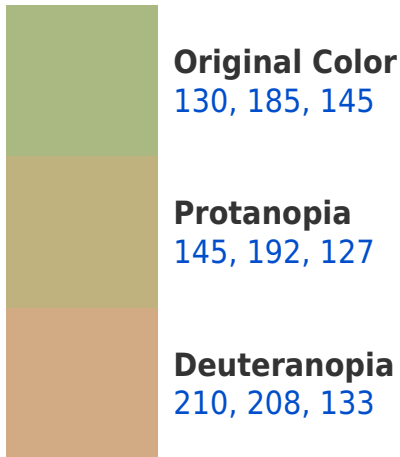


This preview shows how white text looks on a background with the RYB color 130, 185, 145.

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
178, 177, 191

Trichromacy



Original Color
130, 185, 145

Protanomaly
131, 184, 128

Deuteranomaly
159, 195, 132

Tritanomaly
169, 180, 174

Monochromacy



Original Color
130, 185, 145

Achromatopsia
174, 174, 174

Achromatomaly
158, 178, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 185, 145 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(170, 185, 130)` looks like.

```
.text, #text, p{  
    color:rgb(170, 185, 130)  
}
```

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(170, 185, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 185, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 185, 145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

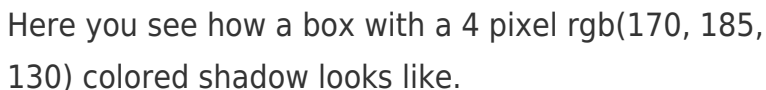
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 185, 130) }
```

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

```
.border{ border-color:rgb(170, 185, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 185, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 185, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 185, 130); box-shadow:4px 4px 4px 4px rgb(170, 185, 130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 185, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 185, 130) }
```

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

```
.background{ background-color: rgb(170,  
185, 130) }
```

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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