

Converting Colors

`RYB(130, 175, 175)`

Have a look what the booklet for
RYB(130, 175, 175) contains.

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Color

R_YB(130, 175, 175)

Conversions

Conversions Part 1

Format	Color
Hex	82AF82
RGB	130, 175, 130
RGB Percent	51%, 69%, 51%
CMY	0.4902, 0.3137, 0.4902
CMYK	0.26, 0.00, 0.26, 0.31
HSL	120°, 22%, 60%
HSV	120°, 26%, 69%
XYZ	28.5652, 37.0175, 26.7586
YIQ	156.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

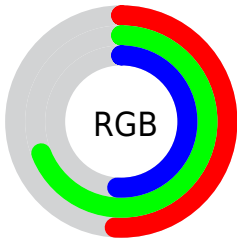
Format	Color
RYB	130, 175, 175
Decimal	8564610
CIELab	67.29, -24.09, 18.33
CIElCh	67, 30.272, 142.738
Yxy	37.0175, 0.3093, 0.4009
Android (android.graphics.Color)	4286754690 (0xFF82AF82)
YUV	156.4150, -13.0226, -23.1660
Hunter-Lab	60.8420, -22.6682, 16.5133

Details

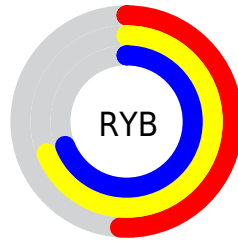
The RYB color **130, 175, 175** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **175, 130, 175**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **183, 231, 230**, and **79, 121, 122** is the 20% darker color. If you saturate the color by 10%, you get **113, 175, 175**, and if you desaturate by 10%, it is **147, 175, 175**.

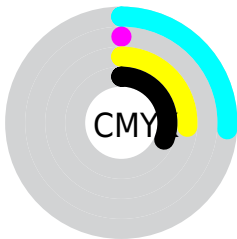
Distribution



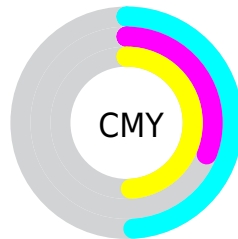
- Red (51%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (69%)



- Cyan (26%)
- Magenta (0%)
- Yellow (26%)
- Black (31%)




- Cyan (49%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 175, 175 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, 175, 175 by changing the saturation by 10% instead.


 130, 175, 175


255, 255, 255


 183, 231, 230

 211, 255, 254

 239, 255, 254

 130, 175, 175


 104, 147, 148

 79, 121, 122


 55, 95, 97

 31, 69, 73


 5, 43, 50


 0, 31, 31


 0, 0, 0

 130, 175, 175


 113, 175, 175


 130, 175, 175


 147, 175, 175


 95, 175, 175


 165, 175, 175

 77, 175, 175


 182, 175, 182

 60, 175, 175

 200, 175, 200

 42, 175, 175

 218, 175, 218

 25, 175, 175

 235, 175, 235

 7, 175, 175

 253, 175, 253

 0, 175, 175

 255, 175, 255

Harmonies

Analogous

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



113, 169, 121



130, 175, 175



98, 144, 178

Triad

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



130, 175, 175



118, 151, 217



218, 144, 144

Complementary

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



130, 175, 175



175, 130, 175

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, 144, 172



130, 175, 175



158, 159, 214

Square

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



130, 175, 175



82, 135, 206



192, 150, 197



209, 167, 121

Rectangle

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



130, 175, 175



81, 131, 179



192, 150, 197



218, 143, 153

Sweetspot

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



130, 175, 175



209, 227, 227



130, 175, 130



103, 115, 115



242, 242, 242



115, 115, 115

Same Dimension

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



130, 175, 175



157, 227, 227



130, 160, 175



78, 87, 87



0, 150, 150



0, 23, 23

Inverse Universe

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



175, 130, 175



227, 157, 227



175, 130, 153



87, 78, 87



150, 0, 150



23, 0, 23

Previews

White Background



This preview shows how the RYB color 130, 175, 175 looks on a white background.

Color Contrast Check

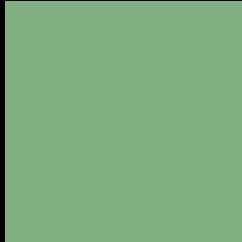
Large Text (above 18pt) WCAG AA × Fail

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, 175, 175 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, 175, 175 Background



This preview shows how black text looks on a background with the RYB color 130, 175, 175.

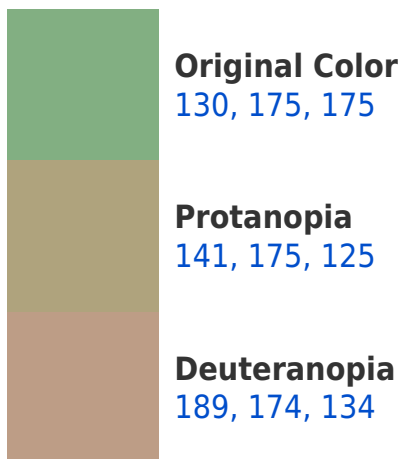


This preview shows how white text looks on a background with the RYB color 130, 175, 175.

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](#).

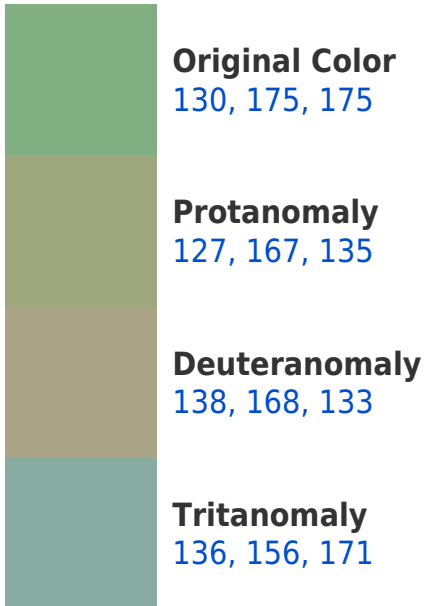
Dichromacy



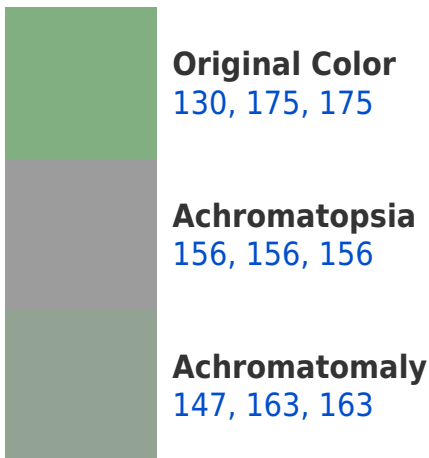


Tritanopia
139, 156, 182

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 175, 175 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(130, 175, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 175, 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(130, 175, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 175, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 175, 175 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(130, 175, 130) }
```

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

```
.border{ border-color:rgb(130, 175, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 175, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 175, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 175, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 175,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 175, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 175, 130) }
```

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

```
.background{ background-color: rgb(130,  
175, 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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