

Converting Colors

`RYB(129, 180, 174)`

Have a look what the booklet for
RYB(129, 180, 174) contains.

RYB(129, 180, 174)	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(129, 180, 174)

Conversions

Conversions Part 1

Format	Color
Hex	87B481
RGB	135, 180, 129
RGB Percent	53%, 71%, 51%
CMY	0.4706, 0.2941, 0.4941
CMYK	0.25, 0.00, 0.28, 0.29
HSL	113°, 25%, 61%
HSV	113°, 28%, 71%
XYZ	30.2754, 39.3784, 26.7740
YIQ	160.7310, -10.4490, -25.4010

Conversions

Conversions Part 2

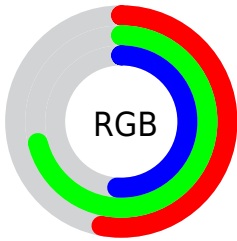
Format	Color
RYB	129, 180, 174
Decimal	8893569
CIELab	69.02, -25.01, 21.29
CIELCh	69, 32.851, 139.591
Yxy	39.3784, 0.3140, 0.4084
Android (android.graphics.Color)	4287083649 (0xFF87B481)
YUV	160.7310, -15.6434, -22.5661
Hunter-Lab	62.7522, -23.6974, 18.6297

Details

The RYB color **129, 180, 174** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **174, 129, 180**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **182, 236, 229**, and **79, 127, 122** is the 20% darker color. If you saturate the color by 10%, you get **111, 180, 172**, and if you desaturate by 10%, it is **147, 180, 176**.

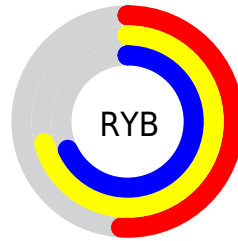
Distribution



Red (53%)

Green (71%)

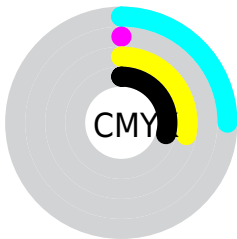
Blue (51%)



Red (51%)

Yellow (71%)

Blue (68%)

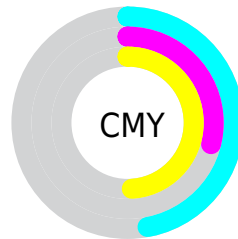


Cyan (25%)

Magenta (0%)

Yellow (28%)

Black (29%)



Cyan (47%)

Magenta (29%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 180, 174 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, 180, 174 by changing the saturation by 10% instead.

 129, 180, 174


255, 255, 255


 182, 236, 229


 210, 255, 248

 238, 255, 247

 129, 180, 174

 104, 153, 148

 79, 127, 122

 56, 102, 99

 34, 77, 76

 10, 52, 54


 0, 33, 33

 0, 0, 0

 129, 180, 174

 111, 180, 172

 129, 180, 174

 147, 180, 176

■ 93, 180, 170

■ 165, 180, 178

■ 75, 180, 168

■ 183, 180, 183

■ 57, 180, 166

■ 199, 180, 201

■ 39, 180, 163

■ 214, 180, 219

■ 21, 180, 161

■ 230, 180, 237

■ 3, 180, 159

■ 246, 180, 255

■ 0, 180, 159

■ 255, 180, 255

Harmonies

Analogous

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



112, 173, 116



129, 180, 174



99, 150, 184

Triad

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



129, 180, 174



112, 152, 226



228, 147, 150

Complementary

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



129, 180, 174



174, 129, 180

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.



220, 147, 180



129, 180, 174



158, 164, 224

Square

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



129, 180, 174



72, 133, 213



196, 154, 207



219, 166, 124

Rectangle

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



129, 180, 174



77, 133, 185



196, 154, 207



227, 146, 160

Sweetspot

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



129, 180, 174



213, 235, 232



137, 180, 129



104, 117, 115



245, 245, 245



117, 117, 117

Same Dimension

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



129, 180, 174



155, 235, 226



129, 166, 180



80, 89, 88



0, 153, 135



0, 26, 23

Inverse Universe

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



174, 129, 180



225, 155, 235



180, 129, 161



88, 80, 89



135, 0, 153



23, 0, 26

Previews

White Background



This preview shows how the RYB color 129, 180, 174 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, 180, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

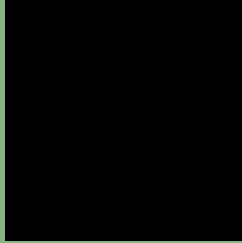
Any Text WCAG AA ✓ Pass

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, 180, 174 Background



This preview shows how black text looks on a background with the RYB color 129, 180, 174.

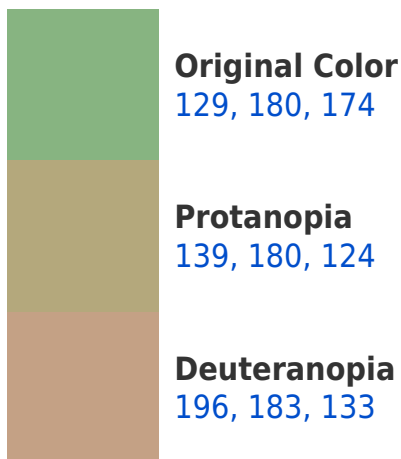


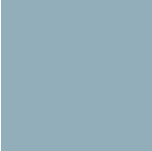
This preview shows how white text looks on a background with the RYB color 129, 180, 174.

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

145, 162, 186

Trichromacy



Original Color
129, 180, 174

Protanomaly
126, 172, 134

Deuteranomaly
139, 174, 132

Tritanomaly
141, 162, 176

Monochromacy



Original Color
129, 180, 174

Achromatopsia
161, 161, 161

Achromatomaly
149, 168, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 180, 174 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(135, 180, 129)` looks like.

```
.text, #text, p{  
    color:rgb(135, 180, 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(135, 180, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 180, 129) }
```

Border

The CSS property to change the border of an element to RYB 129, 180, 174 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(135, 180, 129) }
```

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

```
.border{ border-color:rgb(135, 180, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 180, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 180, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 180, 129);  
box-shadow:4px 4px 4px 4px rgb(135, 180,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 129, 180, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 180, 129) }
```

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

```
.background{ background-color: rgb(135,  
180, 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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