

Converting Colors

`RYB(128, 173, 172)`

Have a look what the booklet for
RYB(128, 173, 172) contains.

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Color

R_YB(128, 173, 172)

Conversions

Conversions Part 1

Format	Color
Hex	81AD80
RGB	129, 173, 128
RGB Percent	51%, 68%, 50%
CMY	0.4941, 0.3216, 0.4980
CMYK	0.25, 0.00, 0.26, 0.32
HSL	119°, 22%, 59%
HSV	119°, 26%, 68%
XYZ	27.8931, 36.1128, 25.9224
YIQ	154.7140, -11.7790, -23.3230

Conversions

Conversions Part 2

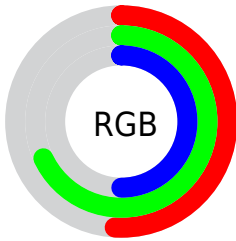
Format	Color
RYB	128, 173, 172
Decimal	8498560
CIELab	66.61, -23.79, 18.47
CIELCh	67, 30.118, 142.180
Yxy	36.1128, 0.3102, 0.4016
Android (android.graphics.Color)	4286688640 (0xFF81AD80)
YUV	154.7140, -13.1700, -22.5512
Hunter-Lab	60.0939, -22.3120, 16.4901

Details

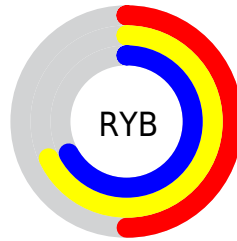
The RYB color **128, 173, 172** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **172, 128, 173**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **181, 229, 227**, and **78, 119, 120** is the 20% darker color. If you saturate the color by 10%, you get **111, 173, 172**, and if you desaturate by 10%, it is **145, 173, 172**.

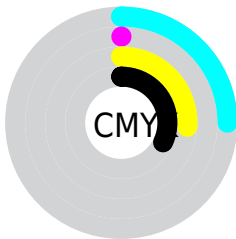
Distribution



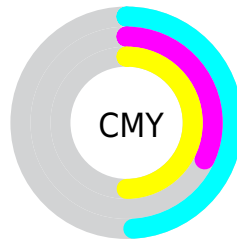
- Red (51%)
- Green (68%)
- Blue (50%)



- Red (50%)
- Yellow (68%)
- Blue (67%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (32%)



- Cyan (49%)
- Magenta (32%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 173, 172 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 128, 173, 172 by changing the saturation by 10% instead.


 128, 173, 172

255, 255, 255


 181, 229, 227

 209, 255, 253

 237, 255, 253

 128, 173, 172

 103, 146, 146

 78, 119, 120

 54, 94, 95


 30, 68, 71

 5, 43, 49


 0, 29, 29

 0, 0, 0

 128, 173, 172

 111, 173, 172

 128, 173, 172

 145, 173, 172

■ 93, 173, 171

■ 163, 173, 173

■ 76, 173, 171

■ 180, 173, 180

■ 59, 173, 171

■ 197, 173, 197

■ 41, 173, 170

■ 214, 173, 215

■ 24, 173, 169

■ 230, 173, 232

■ 7, 173, 169

■ 247, 173, 249

■ 0, 173, 169

■ 255, 173, 255

Harmonies

Analogous

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



111, 167, 118



128, 173, 172



97, 143, 176

Triad

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



128, 173, 172



115, 149, 215



216, 143, 143

Complementary

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



128, 173, 172



172, 128, 173

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.



210, 142, 170



128, 173, 172



156, 158, 212

Square

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



128, 173, 172



81, 134, 204



190, 148, 195



207, 164, 120

Rectangle

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



128, 173, 172



80, 130, 177



190, 148, 195



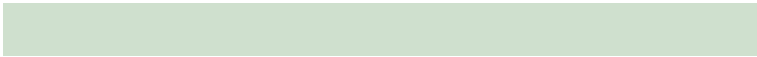
216, 142, 152

Sweetspot

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



128, 173, 172



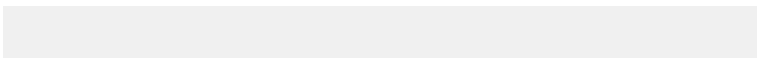
206, 224, 223



129, 173, 128



101, 112, 112



240, 240, 240



112, 112, 112

Same Dimension

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



128, 173, 172



155, 224, 223



128, 159, 173



78, 87, 87



0, 150, 147



0, 23, 22

Inverse Universe

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



172, 128, 173



223, 155, 224



173, 128, 152



87, 78, 87



147, 0, 150



22, 0, 23

Previews

White Background



This preview shows how the RYB color 128, 173, 172 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 128, 173, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

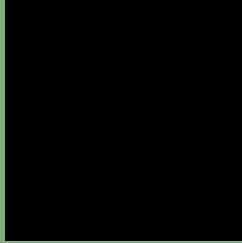
Any Text WCAG AA ✓ Pass

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 128, 173, 172 Background



This preview shows how black text looks on a background with the RYB color 128, 173, 172.



This preview shows how white text looks on a background with the RYB color 128, 173, 172.

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
128, 173, 172

Protanopia
139, 173, 123

Deuteranopia
187, 172, 132



Tritanopia
138, 155, 180

Trichromacy



Original Color
128, 173, 172

Protanomaly
125, 165, 133

Deuteranomaly
136, 166, 131

Tritanomaly
135, 154, 169

Monochromacy



Original Color
128, 173, 172

Achromatopsia
155, 155, 155

Achromatomaly
145, 162, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 173, 172 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(129, 173, 128)` looks like.

```
.text, #text, p{  
    color:rgb(129, 173, 128)  
}
```

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(129, 173, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 173, 128) }
```

Border

The CSS property to change the border of an element to RYB 128, 173, 172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

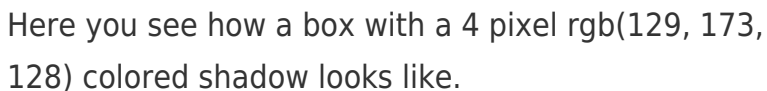
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 173, 128) }
```

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

```
.border{ border-color:rgb(129, 173, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(129, 173, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 173, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 173, 128);  
box-shadow:4px 4px 4px 4px rgb(129, 173,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 128, 173, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 173, 128) }
```

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

```
.background{ background-color: rgb(129,  
173, 128) }
```

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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