

Converting Colors

RGB(129, 172, 174)

Have a look what the booklet for
RGB(129, 172, 174) contains.

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Color

RGB(129, 172, 174)

Conversions

Conversions Part 1

Format	Color
Hex	81ACAE
RGB	129, 172, 174
RGB Percent	51%, 67%, 68%
CMY	0.4941, 0.3255, 0.3176
CMYK	0.26, 0.01, 0.00, 0.32
HSL	183°, 22%, 59%
HSV	183°, 26%, 68%
XYZ	31.4458, 37.2282, 45.5728
YIQ	159.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

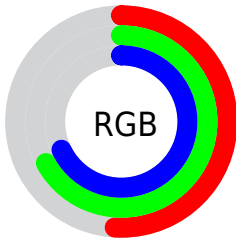
Format	Color
RYB	129, 151, 174
Decimal	8498350
CIELab	67.45, -13.87, -5.73
CIElCh	67, 15.010, 202.438
Yxy	37.2282, 0.2752, 0.3259
Android (android.graphics.Color)	4286688430 (0xFF81ACAE)
YUV	159.3710, 7.2121, -26.6354
Hunter-Lab	61.0149, -14.7810, -1.5740

Details

The RGB color **129, 172, 174** is a light color, and the websafe version is hex **669999**. A complement of this color would be **174, 131, 129**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **183, 227, 229**, and **78, 120, 122** is the 20% darker color. If you saturate the color by 10%, you get **112, 171, 174**, and if you desaturate by 10%, it is **146, 173, 174**.

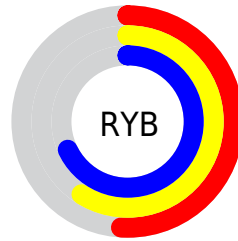
Distribution



Red (51%)

Green (67%)

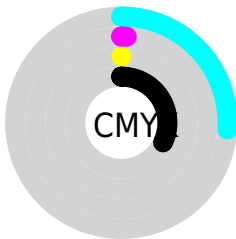
Blue (68%)



Red (51%)

Yellow (59%)

Blue (68%)

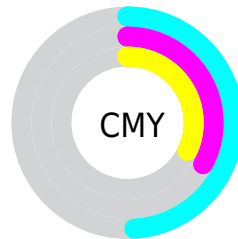


Cyan (26%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (49%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 172, 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 RGB color 129, 172, 174 by changing the saturation by 10% instead.

 129, 172, 174


255, 255, 255


 183, 227, 229


 211, 255, 255

 240, 255, 255

 129, 172, 174

 103, 145, 147

 78, 120, 122

 53, 95, 97

 29, 71, 73

 1, 48, 51

 0, 28, 30

 0, 0, 3


 0, 0, 0


 129, 172, 174


 129, 172, 174


 112, 171, 174


 146, 173, 174

 94, 170, 174


 164, 174, 174

 77, 170, 174


 181, 174, 174

 59, 169, 174

 199, 175, 174


 42, 168, 174

 216, 176, 174

 25, 167, 174

 233, 177, 174

 7, 167, 174

 251, 177, 174

 0, 166, 174

 255, 178, 174

 255, 179, 174

Harmonies

Analogous

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



135, 172, 160



129, 172, 174



132, 170, 185

Triad

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



129, 172, 174



179, 158, 181



178, 162, 138

Complementary

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



129, 172, 174



174, 131, 129

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.



189, 158, 143



129, 172, 174



190, 155, 168

Square

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



129, 172, 174



162, 162, 189



193, 155, 154



164, 167, 139

Rectangle

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



129, 172, 174



140, 168, 190



193, 155, 154



182, 161, 139

Sweetspot

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



129, 172, 174



209, 226, 227



129, 174, 131



103, 114, 115



242, 242, 242



115, 115, 115

Same Dimension

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



129, 172, 174



157, 224, 227



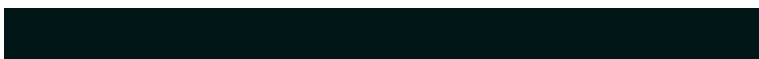
129, 150, 174



78, 86, 87



0, 144, 150



0, 22, 23

Inverse Universe

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



174, 129, 172



227, 157, 224



174, 153, 129



87, 78, 86



150, 0, 144



23, 0, 22

Previews

White Background



This preview shows how the RGB color 129, 172, 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 RGB color 129, 172, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

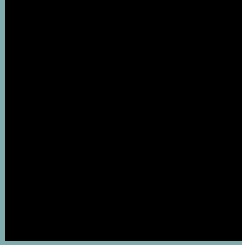
Any Text WCAG AA ✓ Pass

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](#).

RGB 129, 172, 174 Background



This preview shows how black text looks on a background with the RGB color 129, 172, 174.

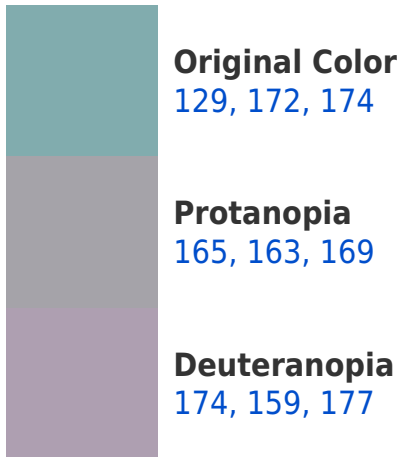



This preview shows how white text looks on a background with the RGB color 129, 172, 174.

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](#).

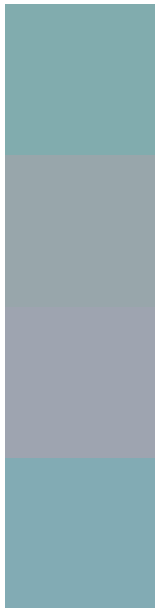
Dichromacy





Tritanopia
131, 170, 184

Trichromacy



Original Color

129, 172, 174

Protanomaly

152, 166, 171

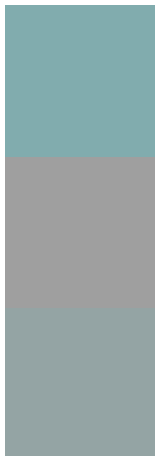
Deuteranomaly

158, 164, 176

Tritanomaly

130, 171, 180

Monochromacy



Original Color

129, 172, 174

Achromatopsia

159, 159, 159

Achromatomaly

148, 164, 164

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 172, 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(129, 172, 174)` looks like.

```
.text, #text, p{  
    color:rgb(129, 172, 174)  
}
```

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, 172, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 172, 174) }
```

Border

The CSS property to change the border of an element to RGB 129, 172, 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(129, 172, 174) }
```

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

```
.border{ border-color:rgb(129, 172, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 172, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 172, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 172, 174);  
box-shadow:4px 4px 4px 4px rgb(129, 172,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 129, 172, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 172, 174) }
```

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

```
.background{ background-color: rgb(129,  
172, 174) }
```

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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