

Converting Colors

CIELCh(62, 54.242, 159.296)

Have a look what the booklet for
CIELCh(62, 54.242, 159.296)
contains.

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Color

CIELCh(62, 54.228, 159.301)

Conversions

Conversions Part 1

Format	Color
Hex	06AB72
RGB	6, 171, 114
RGB Percent	2%, 67%, 45%
CMY	0.9756, 0.3292, 0.5527
CMYK	0.96, 0.00, 0.33, 0.33
HSL	159°, 93%, 35%
HSV	159°, 96%, 67%
XYZ	17.6910, 30.4025, 20.8705
YIQ	115.1670, -80.0430, -52.7070

Conversions

Conversions Part 2

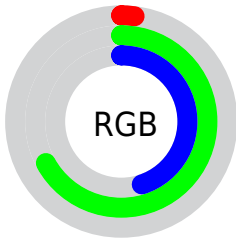
Format	Color
RYB	6, 106, 171
Decimal	437106
CIELab	62.00, -50.73, 19.17
CIELCh	62, 54.228, 159.301
Yxy	30.4025, 0.2565, 0.4408
Android (android.graphics.Color)	4278627186 (0xFF06AB72)
YUV	115.1670, -0.5753, -95.7395
Hunter-Lab	55.1385, -39.2213, 16.1551

Details

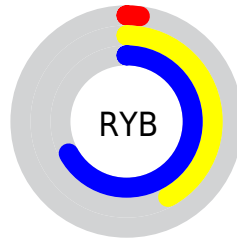
The CIELCh color **62, 54.228, 159.301** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **36, 62.611, 14.741**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **82, 54.106, 159.379**, and **43, 45.847, 153.619** is the 20% darker color. If you saturate the color by 10%, you get **62, 55.307, 158.545**, and if you desaturate by 10%, it is **62, 51.086, 161.413**.

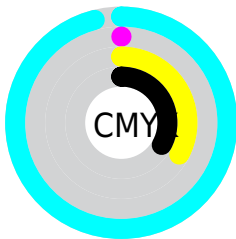
Distribution



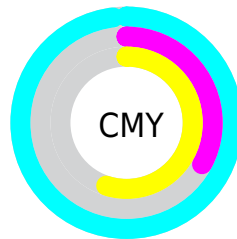
- Red (2%)
- Green (67%)
- Blue (45%)



- Red (2%)
- Yellow (42%)
- Blue (67%)



- Cyan (96%)
- Magenta (0%)
- Yellow (33%)
- Black (33%)





- Cyan (98%)
- Magenta (33%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 54.228, 159.301 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 CIELCh color 62, 54.228, 159.301 by changing the saturation by 10% instead.


 62, 54.228,
159.301


 62, 54.228,
159.301


 100, 54.228,
159.301


 52, 54.228,
159.301


 82, 54.228,
159.301

 42, 54.228,
159.301

 92, 54.228,
159.301

 32, 54.228,
159.301

 22, 54.228,
159.301

 12, 54.228,
159.301

 2, 54.228, 159.301

 0, 54.228, 159.301

■ 62, 54.228,
159.301

■ 62, 54.228,
159.301

■ 62, 55.307,
158.545

■ 62, 51.086,
161.413

■ 63, 47.285,
163.338

■ 63, 42.772,
165.064

■ 64, 37.573,
166.604

■ 64, 31.762,
167.983

■ 65, 25.443,
169.223

■ 66, 18.733,
170.350

■ 68, 11.748,

171.388

■ 69, 4.594, 172.386

Harmonies

Complementary

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



62, 54.228, 159.301



36, 62.611, 14.741

Rectangle

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



62, 54.228, 159.301



62, 54.228, 209.301



62, 54.228, 339.301



62, 54.228, 29.301

Sweetspot

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



62, 54.228, 159.301



84, 25.348, 170.007



62, 83.206, 131.837



44, 17.421, 169.538



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 54.228, 159.301



79, 67.648, 158.113



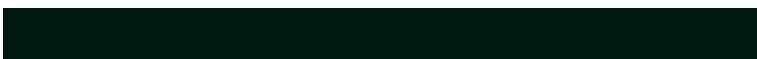
56, 32.137, 223.524



36, 4.127, 172.087



55, 50.106, 158.799



6, 9.318, 167.021

Inverse Universe

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



36, 62.611, 14.741



47, 77.659, 17.606



37, 72.452, 41.643



34, 4.221, 353.663



31, 57.836, 15.888



2, 8.472, 357.211

Previews

White Background



This preview shows how the CIELCh color 62, 54.228, 159.301 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 CIELCh color 62, 54.228, 159.301 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](#).

CIELCh 62, 54.228, 159.301

Background



This preview shows how black text looks on a background with the CIELCh color 62, 54.228, 159.301.

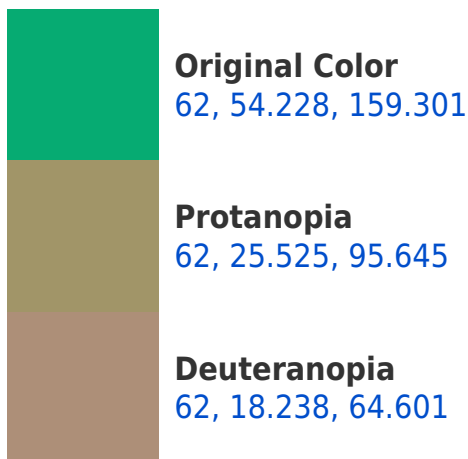



This preview shows how white text looks on a background with the CIELCh color 62, 54.228, 159.301.

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
62, 29.670, 212.638

Trichromacy



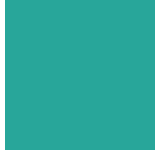
Original Color
62, 54.228, 159.301



Protanomaly
60, 34.251, 143.674



Deuteranomaly
59, 25.531, 146.854



Tritanomaly
62, 36.000, 185.459

Monochromacy



Original Color
62, 54.228, 159.301



Achromatopsia
48, 0.006, 296.813



Achromatomaly
52, 25.002, 169.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 54.228, 159.301 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(6, 171, 114)` looks like.

```
.text, #text, p{  
    color:rgb(6, 171, 114)  
}
```

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(6, 171, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 171, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 54.228, 159.301 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(6, 171, 114) }
```

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

```
.border{ border-color:rgb(6, 171, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 171, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 171, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 171, 114);  
box-shadow:4px 4px 4px 4px rgb(6, 171,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 54.228, 159.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 171, 114) }
```

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

```
.background{ background-color: rgb(6, 171,  
114) }
```

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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