

Converting Colors

CIELCh(62, 54.231, 70.891)

Have a look what the booklet for
CIELCh(62, 54.231, 70.891) contains.

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Color

CIELCh(62, 54.179, 70.946)

Conversions

Conversions Part 1

Format	Color
Hex	C98838
RGB	201, 136, 56
RGB Percent	79%, 53%, 22%
CMY	0.2109, 0.4659, 0.7796
CMYK	0.00, 0.32, 0.72, 0.21
HSL	33°, 57%, 50%
HSV	33°, 72%, 79%
XYZ	33.7014, 30.4025, 7.8590
YIQ	146.3150, 64.4200, -11.1000

Conversions

Conversions Part 2

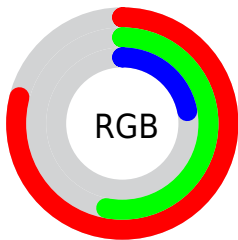
Format	Color
RYB	174, 201, 56
Decimal	13207608
CIELab	62.00, 17.69, 51.21
CIElCh	62, 54.179, 70.946
Yxy	30.4025, 0.4683, 0.4225
Android (android.graphics.Color)	4291397688 (0xFFC98838)
YUV	146.3150, -44.5253, 47.9587
Hunter-Lab	55.1385, 12.6094, 30.1462

Details

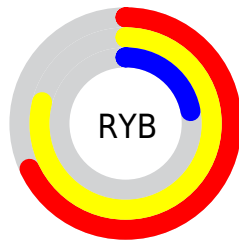
The CIELCh color **62, 54.179, 70.946** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **50, 47.982, 277.536**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 52.407, 73.189**, and **42, 53.456, 70.678** is the 20% darker color. If you saturate the color by 10%, you get **60, 61.284, 69.169**, and if you desaturate by 10%, it is **64, 46.380, 72.493**.

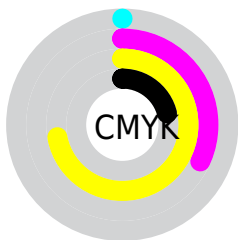
Distribution



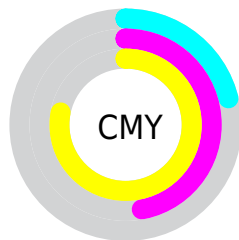
- Red (79%)
- Green (53%)
- Blue (22%)



- Red (68%)
- Yellow (79%)
- Blue (22%)



- Cyan (0%)
- Magenta (32%)
- Yellow (72%)
- Black (21%)



- Cyan (21%)
- Magenta (47%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 54.179, 70.946 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, 54.179, 70.946 by changing the saturation by 10% instead.

■ 62, 54.179, 70.946

■ 62, 54.179, 70.946

■ 100, 54.179,
70.946

■ 52, 54.179, 70.946

■ 82, 54.179, 70.946

■ 42, 54.179, 70.946

■ 92, 54.179, 70.946

■ 32, 54.179, 70.946

■ 22, 54.179, 70.946

■ 12, 54.179, 70.946

■ 2, 54.179, 70.946

■ 0, 54.179, 70.946

■ 62, 54.179, 70.946

■ 62, 54.179, 70.946

■ 60, 61.284, 69.169

■ 64, 46.380, 72.493

58, 66.868, 66.915

67, 38.401, 73.925

56, 70.083, 64.780

69, 30.510, 75.304

72, 22.831, 76.649

75, 15.414, 77.965

78, 8.269, 79.241

80, 1.386, 80.305

83, 5.253, 261.826

86, 11.670,
262.970

Harmonies

Complementary

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



62, 54.179, 70.946



50, 47.982, 277.536

Rectangle

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



62, 54.179, 70.946



62, 54.179, 120.946



62, 54.179, 250.946



62, 54.179, 300.946

Sweetspot

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



62, 54.178, 70.949



93, 18.629, 77.935



48, 61.624, 356.799



48, 12.583, 77.576



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 54.178, 70.949



73, 76.974, 68.093



78, 69.971, 106.388



41, 3.828, 79.573



46, 59.872, 65.378



8, 13.060, 63.969

Inverse Universe

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



50, 47.982, 277.536



57, 69.614, 283.618



34, 87.868, 302.921



40, 3.774, 262.093



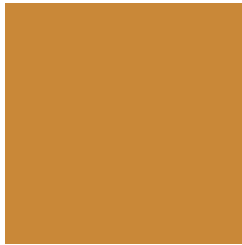
33, 56.671, 288.307



4, 14.857, 274.352

Previews

White Background



This preview shows how the CIELCh color 62, 54.179, 70.946 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 CIE LCh color 62, 54.179, 70.946 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, 54.179, 70.946

Background



This preview shows how black text looks on a background with the CIELCh color 62, 54.179, 70.946.



This preview shows how white text looks on a background with the CIELCh color 62, 54.179, 70.946.

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

62, 54.179, 70.946

Protanopia

62, 48.576, 95.547

Deuteranopia

62, 52.302, 81.613



Tritanopia
62, 32.252, 14.259

Trichromacy



Original Color
62, 54.179, 70.946

Protanomaly
62, 49.071, 86.172

Deuteranomaly
62, 52.684, 77.970

Tritanomaly
62, 35.124, 43.314

Monochromacy



Original Color
62, 54.179, 70.946

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 19.330, 76.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 54.179, 70.946 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(201, 136, 56)` looks like.

```
.text, #text, p{  
    color:rgb(201, 136, 56)  
}
```

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(201, 136, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 136, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 54.179, 70.946 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(201, 136, 56) }
```

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

```
.border{ border-color:rgb(201, 136, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 136, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 136, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 136, 56);  
box-shadow:4px 4px 4px 4px rgb(201, 136,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 54.179, 70.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 136, 56) }
```

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

```
.background{ background-color: rgb(201,  
136, 56) }
```

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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