

Converting Colors

CIELCh(55, 62.639, 109.533)

Have a look what the booklet for
CIELCh(55, 62.639, 109.533)
contains.

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Color

CIELCh(55, 62.577, 109.661)

Conversions

Conversions Part 1

Format	Color
Hex	7C8C00
RGB	124, 140, 0
RGB Percent	49%, 55%, 0%
CMY	0.5150, 0.4521, 1.0000
CMYK	0.11, 0.00, 1.00, 0.45
HSL	67°, 100%, 27%
HSV	67°, 100%, 55%
XYZ	17.5984, 22.9298, 3.4824
YIQ	119.2560, 35.4040, -46.9320

Conversions

Conversions Part 2

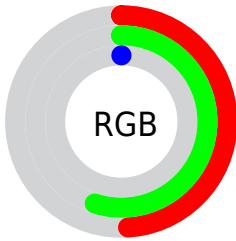
Format	Color
RYB	0, 140, 16
Decimal	8162304
CIELab	55.00, -21.05, 58.93
CIELCh	55, 62.577, 109.661
Yxy	22.9298, 0.3999, 0.5210
Android (android.graphics.Color)	4286352384 (0xFF7C8C00)
YUV	119.2560, -58.7932, 4.1605
Hunter-Lab	47.8851, -18.1980, 29.2077

Details

The CIELCh color **55, 62.577, 109.661** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **15, 84.832, 306.793**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 62.250, 109.508**, and **35, 46.466, 114.514** is the 20% darker color. If you saturate the color by 10%, you get **55, 62.485, 109.682**, and if you desaturate by 10%, it is **55, 60.058, 109.498**.

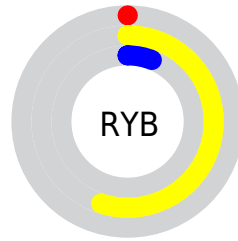
Distribution



Red (49%)

Green (55%)

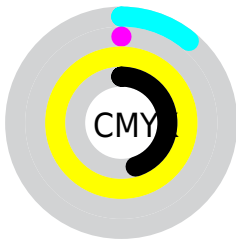
Blue (0%)



Red (0%)

Yellow (55%)

Blue (6%)

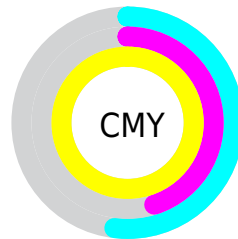


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (52%)


Magenta (45%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 62.577, 109.661 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 55, 62.577, 109.661 by changing the saturation by 10% instead.


 55, 62.577,
109.661


 55, 62.577,
109.661


 100, 62.577,
109.661


 45, 62.577,
109.661


 75, 62.577,
109.661

 35, 62.577,
109.661

 85, 62.577,
109.661

 25, 62.577,
109.661

 95, 62.577,
109.661

 15, 62.577,
109.661

 5, 62.577, 109.661

 0, 62.577, 109.661

■ 55, 62.577,
109.661

■ 55, 62.577,
109.661

■ 55, 62.485,
109.682

■ 55, 60.058,
109.498

■ 55, 56.480,
109.521

■ 56, 51.480,
109.807

■ 56, 45.400,
110.291

■ 56, 38.574,
110.912

■ 56, 31.261,
111.618

■ 57, 23.644,
112.371

■ 57, 15.844,

113.145

■ 58, 7.942, 113.918

Harmonies

Complementary

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



55, 62.577, 109.661



15, 84.832, 306.793

Rectangle

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



55, 62.577, 109.661



55, 62.577, 159.661



55, 62.577, 289.661



55, 62.577, 339.661

Sweetspot

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



55, 62.485, 109.682



72, 29.203, 112.322



29, 64.521, 40.799



38, 20.025, 112.038



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



55, 62.485, 109.682



70, 75.628, 109.823



51, 71.607, 130.621



29, 4.429, 113.984



52, 60.159, 109.650



1, 2.065, 114.680

Inverse Universe

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



15, 84.832, 306.793



22, 102.799, 306.693



23, 77.921, 314.654



26, 4.521, 295.421



14, 81.649, 306.818



0, 2.065, 294.681

Previews

White Background



This preview shows how the CIE LCh color 55, 62.577, 109.661 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 62.577, 109.661 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 62.577, 109.661

Background



This preview shows how black text looks on a background with the CIELCh color 55, 62.577, 109.661.



This preview shows how white text looks on a background with the CIELCh color 55, 62.577, 109.661.

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
55, 62.577, 109.661

Protanopia
55, 59.963, 95.523

Deuteranopia
55, 55.933, 82.860



Tritanopia
55, 5.978, 305.835

Trichromacy



Original Color
55, 62.577, 109.661

Protanomaly
55, 60.439, 101.055

Deuteranomaly
55, 57.014, 93.022

Tritanomaly
55, 25.471, 110.980

Monochromacy



Original Color
55, 62.577, 109.661

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 29.039, 111.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 62.577, 109.661 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(124, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(124, 140, 0)  
}
```

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(124, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 140, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 62.577, 109.661 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(124, 140, 0) }
```

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

```
.border{ border-color:rgb(124, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(124, 140,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 62.577, 109.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 140, 0) }
```

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

```
.background{ background-color: rgb(124,  
140, 0) }
```

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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