

Converting Colors

CIELCh(54, 61.950, 110.408)

Have a look what the booklet for
CIELCh(54, 61.950, 110.408)
contains.

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Color

CIELCh(54, 61.688, 110.212)

Conversions

Conversions Part 1

Format	Color
Hex	788900
RGB	120, 137, 0
RGB Percent	47%, 54%, 0%
CMY	0.5284, 0.4618, 0.9982
CMYK	0.12, 0.00, 1.00, 0.46
HSL	67°, 99%, 27%
HSV	67°, 100%, 54%
XYZ	16.7654, 21.9746, 3.3710
YIQ	116.2990, 33.8450, -46.2110

Conversions

Conversions Part 2

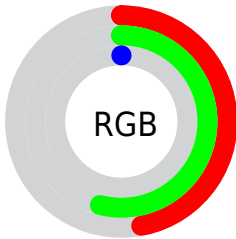
Format	Color
RYB	0, 137, 17
Decimal	7899392
CIELab	54.00, -21.31, 57.89
CIELCh	54, 61.688, 110.212
Yxy	21.9746, 0.3981, 0.5218
Android (android.graphics.Color)	4286089472 (0xFF788900)
YUV	116.2990, -57.3354, 3.2458
Hunter-Lab	46.8770, -18.1948, 28.5503

Details

The CIELCh color **54, 61.688, 110.212** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **15, 83.467, 306.820**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 61.499, 109.993**, and **34, 45.572, 115.414** is the 20% darker color. If you saturate the color by 10%, you get **54, 61.772, 110.220**, and if you desaturate by 10%, it is **54, 59.226, 110.006**.

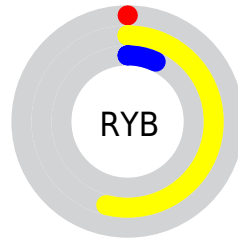
Distribution



Red (47%)

Green (54%)

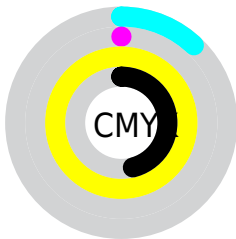
Blue (0%)



Red (0%)

Yellow (54%)

Blue (7%)

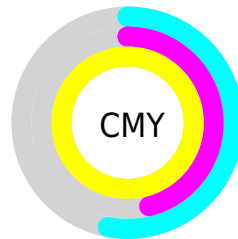


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (53%)


Magenta (46%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 61.688, 110.212 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 54, 61.688, 110.212 by changing the saturation by 10% instead.


 54, 61.688,
110.212


 54, 61.688,
110.212


 100, 61.688,
110.212


 44, 61.688,
110.212


 74, 61.688,
110.212

 34, 61.688,
110.212

 84, 61.688,
110.212

 24, 61.688,
110.212

 94, 61.688,
110.212

 14, 61.688,
110.212

 4, 61.688, 110.212

 0, 61.688, 110.212

■ 54, 61.688,
110.212

■ 54, 61.688,
110.212

■ 54, 61.772,
110.220

■ 54, 59.226,
110.006

■ 54, 55.613,
110.015

■ 55, 50.617,
110.291

■ 55, 44.576,
110.765

■ 55, 37.815,
111.375

■ 55, 30.585,
112.070

■ 56, 23.062,
112.810

■ 56, 15.363,

113.571

■ 57, 7.567, 114.330

Harmonies

Complementary

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



54, 61.688, 110.212



15, 83.467, 306.820

Rectangle

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



54, 61.688, 110.212



54, 61.688, 160.212



54, 61.688, 290.212



54, 61.688, 340.212

Sweetspot

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



54, 61.688, 110.214



71, 28.889, 112.735



29, 63.130, 41.042



37, 19.580, 112.464



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 61.688, 110.214



69, 74.946, 110.376



50, 70.886, 131.003



29, 4.432, 114.368



52, 60.244, 110.197



1, 2.066, 115.052

Inverse Universe

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



15, 83.467, 306.820



22, 101.635, 306.748



23, 76.521, 315.142



27, 4.524, 295.779



14, 81.577, 306.874



0, 2.067, 295.053

Previews

White Background



This preview shows how the CIELCh color 54, 61.688, 110.212 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 CIE LCh color 54, 61.688, 110.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

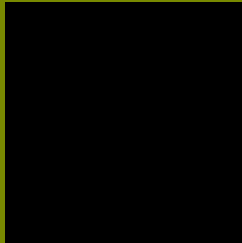
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 61.688, 110.212

Background



This preview shows how black text looks on a background with the CIELCh color 54, 61.688, 110.212.



This preview shows how white text looks on a background with the CIELCh color 54, 61.688, 110.212.

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


54, 61.688, 110.212

Protanopia

54, 59.071, 94.908

Deuteranopia

54, 55.192, 82.468



Tritanopia
54, 5.903, 302.205

Trichromacy



Original Color
54, 61.688, 110.212

Protanomaly
54, 59.482, 100.559

Deuteranomaly
54, 56.133, 93.842

Tritanomaly
53, 24.461, 111.226

Monochromacy



Original Color
54, 61.688, 110.212

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 28.052, 112.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 61.688, 110.212 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(120, 137, 0)` looks like.

```
.text, #text, p{  
    color:rgb(120, 137, 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(120, 137, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 137, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 61.688, 110.212 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(120, 137, 0) }
```

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

```
.border{ border-color:rgb(120, 137, 0) }
```

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

Here you see how a box with a 4 pixel rgb(120, 137, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 137, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 137, 0);  
box-shadow:4px 4px 4px 4px rgb(120, 137,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 61.688, 110.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 137, 0) }
```

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

```
.background{ background-color: rgb(120,  
137, 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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