

Converting Colors

CIELCh(54, 75.058, 131.119)

Have a look what the booklet for
CIELCh(54, 75.058, 131.119)
contains.

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Color

CIELCh(54, 75.059, 131.076)

Conversions

Conversions Part 1

Format	Color
Hex	399400
RGB	57, 148, 0
RGB Percent	22%, 58%, 0%
CMY	0.7775, 0.4204, 1.0000
CMYK	0.62, 0.00, 1.00, 0.42
HSL	97°, 100%, 29%
HSV	97°, 100%, 58%
XYZ	12.2272, 21.9746, 3.5858
YIQ	103.9190, -6.7280, -65.3200

Conversions

Conversions Part 2

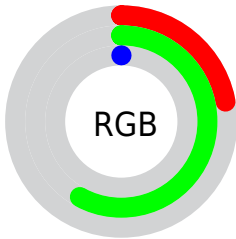
Format	Color
RYB	0, 148, 91
Decimal	3773440
CIELab	54.00, -49.32, 56.58
CIELCh	54, 75.059, 131.076
Yxy	21.9746, 0.3236, 0.5815
Android (android.graphics.Color)	4281963520 (0xFF399400)
YUV	103.9190, -51.2321, -41.1480
Hunter-Lab	46.8770, -35.4756, 28.2785

Details

The CIELCh color **54, 75.059, 131.076** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **25, 80.951, 315.043**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 75.048, 131.076**, and **35, 58.578, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 75.004, 131.103**, and if you desaturate by 10%, it is **54, 71.513, 130.455**.

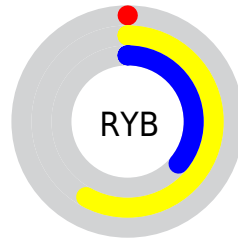
Distribution



Red (22%)

Green (58%)

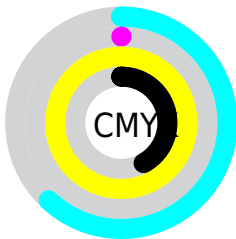
Blue (0%)



Red (0%)

Yellow (58%)

Blue (36%)

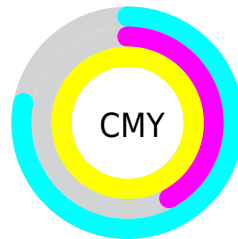


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (78%)


Magenta (42%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 75.059, 131.076 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, 75.059, 131.076 by changing the saturation by 10% instead.


 54, 75.059,
131.076


 54, 75.059,
131.076


 100, 75.059,
131.076


 44, 75.059,
131.076


 74, 75.059,
131.076

 34, 75.059,
131.076

 84, 75.059,
131.076

 24, 75.059,
131.076

 94, 75.059,
131.076

 14, 75.059,
131.076

 4, 75.059, 131.076

 0, 75.059, 131.076

■ 54, 75.059,
131.076

■ 54, 75.059,
131.076

■ 54, 75.004,
131.103

■ 54, 71.513,
130.455

■ 55, 66.724,
130.069

■ 55, 60.450,
130.063

■ 56, 53.056,
130.315

■ 57, 44.893,
130.719

■ 57, 36.239,
131.192

■ 58, 27.297,
131.684

■ 59, 18.212,

132.164

■ 60, 9.086, 132.620

Harmonies

Complementary

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



54, 75.059, 131.076



25, 80.951, 315.043

Rectangle

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



54, 75.059, 131.076



54, 75.059, 181.076



54, 75.059, 311.076



54, 75.059, 1.076

Sweetspot

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



54, 75.004, 131.103



74, 33.678, 131.654



43, 55.083, 70.036



39, 23.129, 131.466



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 75.004, 131.103



69, 91.034, 131.402



53, 77.673, 137.107



31, 5.134, 132.655



51, 71.162, 131.007



2, 4.488, 133.017

Inverse Universe

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



25, 80.951, 315.043



33, 98.073, 314.828



34, 71.242, 332.576



29, 5.186, 313.375



23, 76.849, 315.110



1, 4.489, 313.014

Previews

White Background



This preview shows how the CIELCh color 54, 75.059, 131.076 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 54, 75.059, 131.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

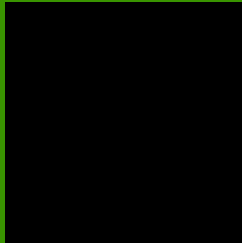
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 75.059, 131.076

Background



This preview shows how black text looks on a background with the CIELCh color 54, 75.059, 131.076.



This preview shows how white text looks on a background with the CIELCh color 54, 75.059, 131.076.

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, 75.059, 131.076

Protanopia

54, 58.999, 95.371

Deuteranopia

54, 52.245, 82.771



Tritanopia
54, 19.043, 217.425

Trichromacy



Original Color
54, 75.059, 131.076

Protanomaly
53, 61.852, 112.748

Deuteranomaly
52, 55.308, 107.215

Tritanomaly
53, 37.524, 150.309

Monochromacy



Original Color
54, 75.059, 131.076

Achromatopsia
44, 0.006, 296.813

Achromatomaly
47, 34.220, 130.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 75.059, 131.076 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(57, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(57, 148, 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(57, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 148, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 75.059, 131.076 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(57, 148, 0) }
```

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

```
.border{ border-color:rgb(57, 148, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 148, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(57, 148, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 75.059, 131.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 148, 0) }
```

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

```
.background{ background-color: rgb(57, 148,  
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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