

Converting Colors

CIELCh(54, 74.079, 131.353)

Have a look what the booklet for
CIELCh(54, 74.079, 131.353)
contains.

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Color

CIELCh(54, 74.208, 131.480)

Conversions

Conversions Part 1

Format	Color
Hex	399406
RGB	57, 148, 6
RGB Percent	22%, 58%, 2%
CMY	0.7776, 0.4206, 0.9784
CMYK	0.62, 0.00, 0.96, 0.42
HSL	98°, 93%, 30%
HSV	98°, 96%, 58%
XYZ	12.2513, 21.9746, 3.7540
YIQ	104.6030, -8.6540, -63.4540

Conversions

Conversions Part 2

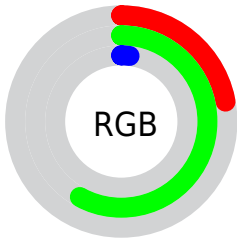
Format	Color
RYB	6, 148, 97
Decimal	3773446
CIELab	54.00, -49.15, 55.60
CIELCh	54, 74.208, 131.480
Yxy	21.9746, 0.3226, 0.5786
Android (android.graphics.Color)	4281963526 (0xFF399406)
YUV	104.6030, -48.6113, -41.7478
Hunter-Lab	46.8770, -35.3838, 28.0659

Details

The CIELCh color **54, 74.208, 131.480** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **26, 79.165, 315.888**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 74.333, 131.382**, and **35, 58.578, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 75.479, 131.675**, and if you desaturate by 10%, it is **54, 70.383, 130.901**.

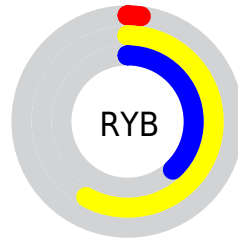
Distribution



Red (22%)

Green (58%)

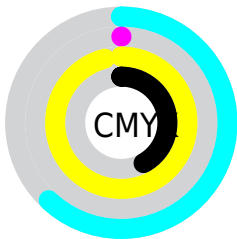
Blue (2%)



Red (2%)

Yellow (58%)

Blue (38%)

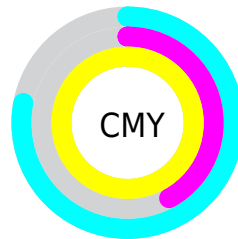


Cyan (62%)

Magenta (0%)

Yellow (96%)

Black (42%)



Cyan (78%)

Magenta (42%)

Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 74.208, 131.480 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, 74.208, 131.480 by changing the saturation by 10% instead.


 54, 74.208,
131.480

 54, 74.208,
131.480


 100, 74.208,
131.480

 44, 74.208,
131.480


 74, 74.208,
131.480

 34, 74.208,
131.480

 84, 74.208,
131.480

 24, 74.208,
131.480

 94, 74.208,
131.480

 14, 74.208,
131.480

 4, 74.208, 131.480

 0, 74.208, 131.480

■ 54, 74.208,
131.480

■ 54, 74.208,
131.480

■ 54, 75.479,
131.675

■ 54, 70.383,
130.901

■ 55, 64.974,
130.709

■ 55, 58.196,
130.847

■ 56, 50.426,
131.194

■ 57, 41.993,
131.651

■ 58, 33.147,
132.151

■ 58, 24.072,
132.651

■ 59, 14.898,

133.128

■ 61, 5.716, 133.579

Harmonies

Complementary

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



54, 74.208, 131.480



26, 79.165, 315.888

Rectangle

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



54, 74.208, 131.480



54, 74.208, 181.480



54, 74.208, 311.480



54, 74.208, 1.480

Sweetspot

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



54, 74.208, 131.481



74, 32.789, 132.486



45, 53.642, 73.877



39, 22.652, 132.291



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, 74.208, 131.481



68, 91.625, 131.964



53, 75.489, 137.957



31, 5.167, 133.447



50, 71.627, 131.582



2, 4.516, 133.809

Inverse Universe

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



26, 79.165, 315.888



34, 97.591, 315.519



34, 68.858, 334.012



29, 5.216, 314.165



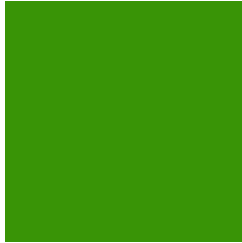
23, 76.485, 315.793



1, 4.516, 313.806

Previews

White Background



This preview shows how the CIE LCh color 54, 74.208, 131.480 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, 74.208, 131.480 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, 74.208, 131.480

Background



This preview shows how black text looks on a background with the CIELCh color 54, 74.208, 131.480.



This preview shows how white text looks on a background with the CIELCh color 54, 74.208, 131.480.

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, 74.208, 131.480

Protanopia

54, 58.999, 95.371

Deuteranopia

54, 52.245, 82.771



Tritanopia
54, 19.295, 217.137

Trichromacy



Original Color
54, 74.208, 131.480

Protanomaly
53, 61.506, 112.839

Deuteranomaly
52, 54.766, 107.315

Tritanomaly
53, 36.878, 151.760

Monochromacy



Original Color
54, 74.208, 131.480

Achromatopsia
44, 0.006, 296.813

Achromatomaly
47, 33.223, 131.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 74.208, 131.480 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, 6)` looks like.

```
.text, #text, p{  
    color:rgb(57, 148, 6)  
}
```

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, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 148, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 74.208, 131.480 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, 6) }
```

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

```
.border{ border-color:rgb(57, 148, 6) }
```

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, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 148, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 148, 6);  
box-shadow:4px 4px 4px 4px rgb(57, 148, 6)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 74.208, 131.480 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, 6) }
```

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

```
.background{ background-color: rgb(57, 148,  
6) }
```

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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