

Converting Colors

CIELCh(54, 74.204, 131.004)

Have a look what the booklet for
CIELCh(54, 74.204, 131.004)
contains.

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Color

CIELCh(54, 74.345, 130.937)

Conversions

Conversions Part 1

Format	Color
Hex	3B9402
RGB	59, 148, 2
RGB Percent	23%, 58%, 1%
CMY	0.7705, 0.4212, 0.9912
CMYK	0.60, 0.00, 0.98, 0.42
HSL	97°, 97%, 29%
HSV	97°, 98%, 58%
XYZ	12.3154, 21.9746, 3.6568
YIQ	104.7450, -6.1780, -64.2740

Conversions

Conversions Part 2

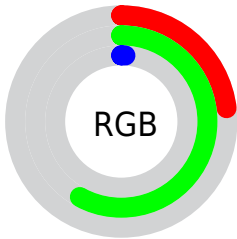
Format	Color
R_YB	2, 148, 91
Decimal	3904514
CIE Lab	54.00, -48.71, 56.16
CIE LCh	54, 74.345, 130.937
Yxy	21.9746, 0.3245, 0.5791
Android (android.graphics.Color)	4282094594 (0xFF3B9402)
YUV	104.7450, -50.6533, -40.1184
Hunter-Lab	46.8770, -35.1399, 28.1888

Details

The CIELCh color **54, 74.345, 130.937** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **25, 80.331, 315.014**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 74.528, 131.013**, and **35, 58.578, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 74.865, 131.021**, and if you desaturate by 10%, it is **54, 70.754, 130.279**.

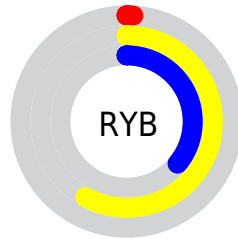
Distribution



Red (23%)

Green (58%)

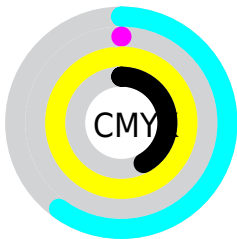
Blue (1%)



Red (1%)

Yellow (58%)

Blue (36%)

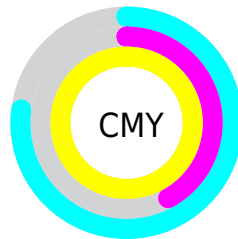


Cyan (60%)

Magenta (0%)

Yellow (98%)

Black (42%)



Cyan (77%)

Magenta (42%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 74.345, 130.937 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, 74.345, 130.937 by changing the saturation by 10% instead.


 54, 74.345,
130.937

 54, 74.345,
130.937


 100, 74.345,
130.937


 44, 74.345,
130.937


 74, 74.345,
130.937

 34, 74.345,
130.937

 84, 74.345,
130.937

 24, 74.345,
130.937

 94, 74.345,
130.937

 14, 74.345,
130.937

 4, 74.345, 130.937

 0, 74.345, 130.937

■ 54, 74.345,
130.937

■ 54, 74.345,
130.937

■ 54, 74.865,
131.021

■ 54, 70.754,
130.279

■ 55, 65.726,
129.953

■ 55, 59.268,
129.990

■ 56, 51.749,
130.269

■ 57, 43.511,
130.684

■ 57, 34.820,
131.161

■ 58, 25.866,
131.652

■ 59, 16.787,

132.128

■ 60, 7.680, 132.579

Harmonies

Complementary

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



54, 74.345, 130.937



25, 80.331, 315.014

Rectangle

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



54, 74.345, 130.937



54, 74.345, 180.937



54, 74.345, 310.937



54, 74.345, 0.937

Sweetspot

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



54, 74.345, 130.938



74, 33.647, 131.548



43, 54.439, 70.348



39, 23.107, 131.360



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, 74.345, 130.938



69, 90.952, 131.323



53, 77.153, 137.213



31, 5.129, 132.547



51, 71.097, 130.926



2, 4.484, 132.909

Inverse Universe

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



25, 80.331, 315.014



33, 98.140, 314.737



34, 70.918, 332.505



29, 5.182, 313.267



23, 76.899, 315.020



1, 4.485, 312.906

Previews

White Background



This preview shows how the CIELCh color 54, 74.345, 130.937 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, 74.345, 130.937 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, 74.345, 130.937

Background



This preview shows how black text looks on a background with the CIELCh color 54, 74.345, 130.937.



This preview shows how white text looks on a background with the CIELCh color 54, 74.345, 130.937.

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, 74.488, 130.870

Protanopia

54, 58.999, 95.371

Deuteranopia

54, 52.245, 82.771



Tritanopia
54, 18.789, 217.722

Trichromacy



Original Color
54, 74.488, 130.870

Protanomaly
53, 61.590, 112.384

Deuteranomaly
52, 55.007, 106.779

Tritanomaly
53, 36.871, 150.573

Monochromacy



Original Color
54, 74.488, 130.870

Achromatopsia
44, 0.006, 296.813

Achromatomaly
47, 33.722, 131.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 74.345, 130.937 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(59, 148, 2)` looks like.

```
.text, #text, p{  
    color:rgb(59, 148, 2)  
}
```

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(59, 148, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 148, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 74.345, 130.937 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(59, 148, 2) }
```

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

```
.border{ border-color:rgb(59, 148, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 148, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 148, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 148, 2);  
box-shadow:4px 4px 4px 4px rgb(59, 148, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 74.345, 130.937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 148, 2) }
```

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

```
.background{ background-color: rgb(59, 148,  
2) }
```

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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