

Converting Colors

CIELCh(54, 66.081, 123.668)

Have a look what the booklet for
CIELCh(54, 66.081, 123.668)
contains.

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Color

CIELCh(54, 65.939, 123.519)

Conversions

Conversions Part 1

Format	Color
Hex	5A8F0D
RGB	90, 143, 13
RGB Percent	35%, 56%, 5%
CMY	0.6456, 0.4378, 0.9503
CMYK	0.37, 0.00, 0.91, 0.44
HSL	84°, 84%, 31%
HSV	84°, 91%, 56%
XYZ	14.2003, 21.9746, 3.8627
YIQ	112.3330, 10.1420, -51.6660

Conversions

Conversions Part 2

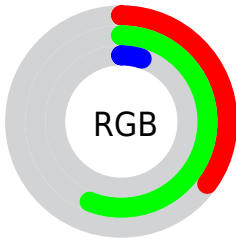
Format	Color
RYB	13, 143, 66
Decimal	5934861
CIELab	54.00, -36.41, 54.97
CIELCh	54, 65.939, 123.519
Yxy	21.9746, 0.3547, 0.5488
Android (android.graphics.Color)	4284124941 (0xFF5A8F0D)
YUV	112.3330, -48.9712, -19.5860
Hunter-Lab	46.8770, -27.9624, 27.9284

Details

The CIELCh color **54, 65.939, 123.519** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **22, 78.405, 310.300**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 65.559, 123.542**, and **34, 53.067, 130.401** is the 20% darker color. If you saturate the color by 10%, you get **54, 68.680, 124.239**, and if you desaturate by 10%, it is **54, 61.825, 122.957**.

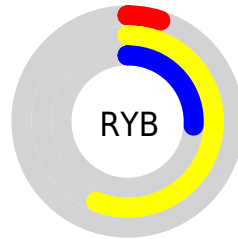
Distribution



Red (35%)

Green (56%)

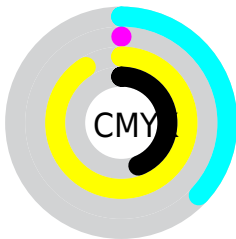
Blue (5%)



Red (5%)

Yellow (56%)

Blue (26%)

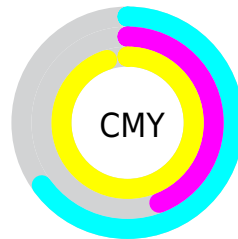


Cyan (37%)

Magenta (0%)

Yellow (91%)

Black (44%)



Cyan (65%)


Magenta (44%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 65.939, 123.519 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, 65.939, 123.519 by changing the saturation by 10% instead.


 54, 65.939,
123.519


 54, 65.939,
123.519


 100, 65.939,
123.519


 44, 65.939,
123.519


 74, 65.939,
123.519

 34, 65.939,
123.519

 84, 65.939,
123.519

 24, 65.939,
123.519

 94, 65.939,
123.519

 14, 65.939,
123.519

 4, 65.939, 123.519

 0, 65.939, 123.519

■ 54, 65.939,
123.519

■ 54, 65.939,
123.519

■ 54, 68.680,
124.239

■ 54, 61.825,
122.957

■ 55, 56.284,
122.799

■ 55, 49.650,
122.935

■ 56, 42.260,
123.260

■ 56, 34.378,
123.692

■ 57, 26.197,
124.178

■ 58, 17.846,
124.680

■ 59, 9.416, 125.179

Harmonies

Complementary

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



54, 65.939, 123.519



22, 78.405, 310.300

Rectangle

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



54, 65.939, 123.519



54, 65.939, 173.519



54, 65.939, 303.519



54, 65.939, 353.519

Sweetspot

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



54, 65.939, 123.520



73, 28.133, 124.358



37, 53.058, 55.097



38, 19.083, 124.206



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 65.939, 123.520



68, 83.478, 124.577



52, 74.798, 135.664



30, 4.748, 125.276



51, 65.750, 124.151



2, 3.213, 125.700

Inverse Universe

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



22, 78.405, 310.300



27, 100.493, 309.959



32, 73.544, 324.563



28, 4.822, 306.138



18, 79.177, 310.243



0, 3.214, 305.698

Previews

White Background



This preview shows how the CIELCh color 54, 65.939, 123.519 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, 65.939, 123.519 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, 65.939, 123.519

Background



This preview shows how black text looks on a background with the CIELCh color 54, 65.939, 123.519.



This preview shows how white text looks on a background with the CIELCh color 54, 65.939, 123.519.

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, 65.770, 123.587

Protanopia

54, 58.452, 95.369

Deuteranopia

54, 52.790, 82.383



Tritanopia
54, 11.426, 232.537

Trichromacy



Original Color
54, 65.770, 123.587

Protanomaly
53, 59.063, 107.095

Deuteranomaly
53, 53.754, 100.418

Tritanomaly
53, 27.941, 140.046

Monochromacy



Original Color
54, 65.770, 123.587

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 28.186, 123.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 65.939, 123.519 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(90, 143, 13)` looks like.

```
.text, #text, p{  
    color:rgb(90, 143, 13)  
}
```

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(90, 143, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 143, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 65.939, 123.519 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(90, 143, 13) }
```

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

```
.border{ border-color:rgb(90, 143, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 143, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 143, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 143, 13);  
box-shadow:4px 4px 4px 4px rgb(90, 143,  
13) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 65.939, 123.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 143, 13) }
```

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

```
.background{ background-color: rgb(90, 143,  
13) }
```

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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