

Converting Colors

CIELCh(54, 75.279, 139.171)

Have a look what the booklet for
CIELCh(54, 75.279, 139.171)
contains.

CIELCh(54, 75.063, 138.993)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 75.063, 138.993)

Conversions

Conversions Part 1

Format	Color
Hex	01961F
RGB	1, 150, 31
RGB Percent	0%, 59%, 12%
CMY	0.9975, 0.4110, 0.8776
CMYK	1.00, 0.00, 0.79, 0.41
HSL	132°, 99%, 30%
HSV	132°, 100%, 59%
XYZ	11.1931, 21.9746, 4.9618
YIQ	91.8830, -50.6050, -68.5970

Conversions

Conversions Part 2

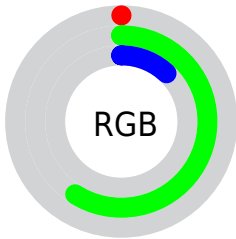
Format	Color
R_{YB}	1, 125, 150
Decimal	103967
CIE _{Lab}	54.00, -56.64, 49.25
CIE _{LCh}	54, 75.063, 138.993
Yxy	21.9746, 0.2936, 0.5763
Android (android.graphics.Color)	4278294047 (0xFF01961F)
YUV	91.8830, -30.0153, -79.7044
Hunter-Lab	46.8770, -39.4135, 26.5382

Details

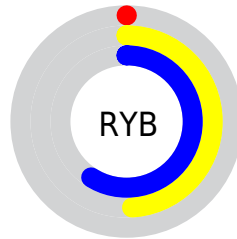
The CIELCh color **54, 75.063, 138.993** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **34, 66.560, 338.187**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 74.747, 138.970**, and **35, 59.004, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 75.221, 138.941**, and if you desaturate by 10%, it is **54, 70.832, 140.500**.

Distribution



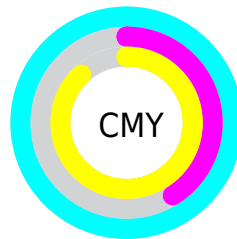
- Red (0%)
- Green (59%)
- Blue (12%)



- Red (0%)
- Yellow (49%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (41%)





- Cyan (100%)
- Magenta (41%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 75.063, 138.993 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, 75.063, 138.993 by changing the saturation by 10% instead.


 54, 75.063,
138.993

 54, 75.063,
138.993


 100, 75.063,
138.993


 44, 75.063,
138.993


 74, 75.063,
138.993

 34, 75.063,
138.993

 84, 75.063,
138.993

 24, 75.063,
138.993

 94, 75.063,
138.993

 14, 75.063,
138.993

 4, 75.063, 138.993

 0, 75.063, 138.993

■ 54, 75.063,
138.993

■ 54, 75.063,
138.993

■ 54, 75.221,
138.941

■ 54, 70.832,
140.500

■ 54, 65.514,
142.127

■ 55, 59.139,
143.686

■ 56, 51.874,
145.120

■ 56, 43.903,
146.402

■ 57, 35.417,
147.528

■ 58, 26.599,
148.508

■ 59, 17.609,

149.359

■ 61, 8.581, 150.105

Harmonies

Complementary

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



54, 75.063, 138.993



34, 66.560, 338.187

Rectangle

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



54, 75.063, 138.993



54, 75.063, 188.993



54, 75.063, 318.993



54, 75.063, 8.993

Sweetspot

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



54, 75.063, 138.994



74, 33.551, 148.413



58, 66.847, 114.510



39, 23.038, 148.044



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 75.063, 138.994



69, 92.482, 138.588



55, 47.201, 162.319



31, 4.994, 150.133



50, 70.379, 139.080



2, 4.353, 150.688

Inverse Universe

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



34, 66.560, 338.187



45, 80.969, 338.482



31, 58.622, 19.898



29, 5.010, 331.213



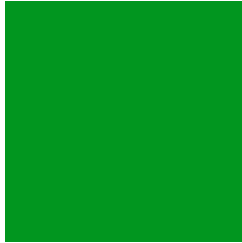
31, 62.602, 338.135



1, 4.354, 330.682

Previews

White Background



This preview shows how the CIELCh color 54, 75.063, 138.993 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, 75.063, 138.993 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, 75.063, 138.993

Background



This preview shows how black text looks on a background with the CIELCh color 54, 75.063, 138.993.



This preview shows how white text looks on a background with the CIELCh color 54, 75.063, 138.993.

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, 75.022, 138.957

Protanopia

54, 53.308, 95.306

Deuteranopia

54, 46.987, 81.802



Tritanopia
54, 24.291, 212.583

Trichromacy



Original Color
54, 75.022, 138.957



Protanomaly
52, 58.853, 122.826



Deuteranomaly
51, 51.216, 119.408



Tritanomaly
53, 40.090, 163.583

Monochromacy



Original Color
54, 75.022, 138.957



Achromatopsia
39, 0.006, 296.813



Achromatomaly
43, 33.664, 146.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 75.063, 138.993 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(1, 150, 31)` looks like.

```
.text, #text, p{  
    color:rgb(1, 150, 31)  
}
```

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(1, 150, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 150, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 75.063, 138.993 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(1, 150, 31) }
```

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

```
.border{ border-color:rgb(1, 150, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 150, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 150, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 150, 31);  
box-shadow:4px 4px 4px 4px rgb(1, 150, 31)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 75.063, 138.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 150, 31) }
```

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

```
.background{ background-color: rgb(1, 150,  
31) }
```

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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