

Converting Colors

CIELCh(54, 77.471, 136.819)

Have a look what the booklet for
CIELCh(54, 77.471, 136.819)
contains.

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Color

CIELCh(54, 77.449, 136.851)

Conversions

Conversions Part 1

Format	Color
Hex	0E9612
RGB	14, 150, 18
RGB Percent	5%, 59%, 7%
CMY	0.9443, 0.4115, 0.9290
CMYK	0.91, 0.00, 0.88, 0.41
HSL	122°, 83%, 32%
HSV	122°, 91%, 59%
XYZ	11.2122, 21.9746, 4.2273
YIQ	94.2880, -38.6840, -69.8840

Conversions

Conversions Part 2

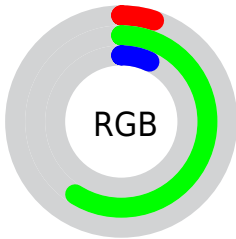
Format	Color
R_{YB}	14, 146, 150
Decimal	955922
CIE _{Lab}	54.00, -56.51, 52.97
CIE _{LCh}	54, 77.449, 136.851
Yxy	21.9746, 0.2997, 0.5873
Android (android.graphics.Color)	4279146002 (0xFF0E9612)
YUV	94.2880, -37.6100, -70.4126
Hunter-Lab	46.8770, -39.3406, 27.4672

Details

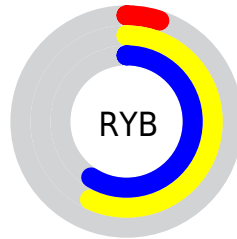
The CIELCh color **54, 77.449, 136.851** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **36, 74.171, 329.208**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 77.080, 136.871**, and **35, 59.004, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 80.070, 136.315**, and if you desaturate by 10%, it is **54, 73.020, 137.759**.

Distribution



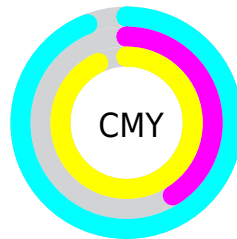
- Red (5%)
- Green (59%)
- Blue (7%)



- Red (5%)
- Yellow (57%)
- Blue (59%)



- Cyan (91%)
- Magenta (0%)
- Yellow (88%)
- Black (41%)





- Cyan (94%)
- Magenta (41%)
- Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 77.449, 136.851 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, 77.449, 136.851 by changing the saturation by 10% instead.


 54, 77.449,
136.851


 54, 77.449,
136.851


 100, 77.449,
136.851


 44, 77.449,
136.851


 74, 77.449,
136.851

 34, 77.449,
136.851

 84, 77.449,
136.851

 24, 77.449,
136.851

 94, 77.449,
136.851

 14, 77.449,
136.851

 4, 77.449, 136.851

 0, 77.449, 136.851

■ 54, 77.449,
136.851

■ 54, 77.449,
136.851

■ 54, 80.070,
136.315

■ 54, 73.020,
137.759

■ 55, 66.816,
138.861

■ 55, 59.176,
140.028

■ 56, 50.461,
141.160

■ 57, 40.999,
142.200

■ 58, 31.069,
143.122

■ 59, 20.901,
143.925

■ 60, 10.674,

144.621

■ 62, 0.525, 145.593

Harmonies

Complementary

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



54, 77.449, 136.851



36, 74.171, 329.208

Rectangle

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



54, 77.449, 136.851



54, 77.449, 186.851



54, 77.449, 316.851



54, 77.449, 6.851

Sweetspot

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



54, 77.449, 136.852



75, 34.231, 143.373



60, 63.124, 104.028



39, 23.232, 143.110



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, 77.449, 136.852



69, 97.872, 136.232



55, 54.974, 152.396



31, 5.654, 144.708



50, 75.144, 136.347



2, 4.925, 145.216

Inverse Universe

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



36, 74.171, 329.208



46, 92.810, 329.411



33, 55.475, 359.290



29, 5.664, 325.688



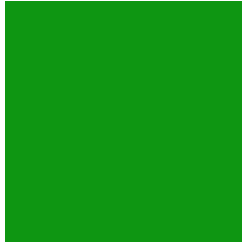
32, 71.502, 329.377



1, 4.926, 325.212

Previews

White Background



This preview shows how the CIELCh color 54, 77.449, 136.851 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, 77.449, 136.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

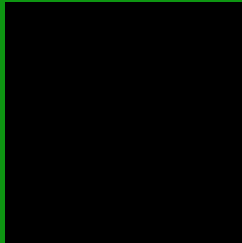
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 77.449, 136.851

Background



This preview shows how black text looks on a background with the CIELCh color 54, 77.449, 136.851.



This preview shows how white text looks on a background with the CIELCh color 54, 77.449, 136.851.

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, 77.449, 136.851

Protanopia

54, 57.215, 95.363

Deuteranopia

54, 50.036, 82.169



Tritanopia
54, 23.890, 212.879

Trichromacy



Original Color

54, 77.449, 136.851



Protanomaly

52, 61.950, 119.924



Deuteranomaly

52, 53.801, 115.477



Tritanomaly

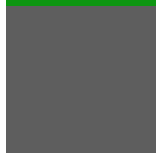
53, 40.752, 160.358

Monochromacy



Original Color

54, 77.449, 136.851



Achromatopsia

40, 0.006, 296.813



Achromatomaly

44, 34.858, 141.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 77.449, 136.851 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(14, 150, 18)` looks like.

```
.text, #text, p{  
    color:rgb(14, 150, 18)  
}
```

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(14, 150, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 150, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 77.449, 136.851 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(14, 150, 18) }
```

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

```
.border{ border-color:rgb(14, 150, 18) }
```

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

Here you see how a box with a 4 pixel rgb(14, 150, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 150, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 150, 18);  
box-shadow:4px 4px 4px 4px rgb(14, 150,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 77.449, 136.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 150, 18) }
```

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

```
.background{ background-color: rgb(14, 150,  
18) }
```

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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