

Converting Colors

CIELCh(54, 76.609, 138.474)

Have a look what the booklet for
CIELCh(54, 76.609, 138.474)
contains.

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Color

CIELCh(54, 76.327, 138.289)

Conversions

Conversions Part 1

Format	Color
Hex	01961A
RGB	1, 150, 26
RGB Percent	0%, 59%, 10%
CMY	0.9965, 0.4108, 0.8968
CMYK	0.99, 0.00, 0.82, 0.41
HSL	130°, 99%, 30%
HSV	130°, 99%, 59%
XYZ	11.1473, 21.9746, 4.6491
YIQ	91.3130, -49.0000, -70.1520

Conversions

Conversions Part 2

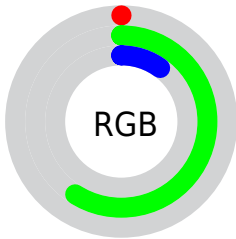
Format	Color
RYB	1, 129, 150
Decimal	103962
CIELab	54.00, -56.98, 50.79
CIElCh	54, 76.327, 138.289
Yxy	21.9746, 0.2951, 0.5818
Android (android.graphics.Color)	4278294042 (0xFF01961A)
YUV	91.3130, -32.1993, -79.2045
Hunter-Lab	46.8770, -39.5876, 26.9337

Details

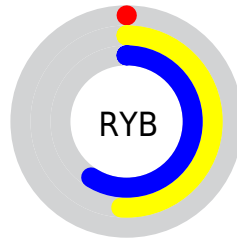
The CIELCh color **54, 76.327, 138.289** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **34, 68.264, 336.195**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 76.237, 138.203**, and **35, 59.004, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 76.535, 138.226**, and if you desaturate by 10%, it is **54, 72.247, 139.655**.

Distribution



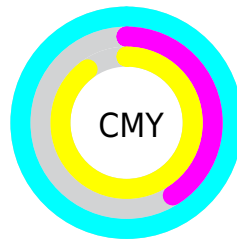
- Red (0%)
- Green (59%)
- Blue (10%)



- Red (0%)
- Yellow (51%)
- Blue (59%)



- Cyan (99%)
- Magenta (0%)
- Yellow (82%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 76.327, 138.289 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, 76.327, 138.289 by changing the saturation by 10% instead.


 54, 76.327,
138.289

 54, 76.327,
138.289

 100, 76.327,
138.289

 44, 76.327,
138.289

 74, 76.327,
138.289

 34, 76.327,
138.289

 84, 76.327,
138.289

 24, 76.327,
138.289

 94, 76.327,
138.289

 14, 76.327,
138.289

 4, 76.327, 138.289

 0, 76.327, 138.289

■ 54, 76.327,
138.289

■ 54, 76.327,
138.289

■ 54, 76.535,
138.226

■ 54, 72.247,
139.655

■ 54, 66.942,
141.180

■ 55, 60.481,
142.675

■ 55, 53.060,
144.067

■ 56, 44.890,
145.321

■ 57, 36.182,
146.427

■ 58, 27.129,
147.390

■ 59, 17.903,

148.224

■ 61, 8.643, 148.954

Harmonies

Complementary

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



54, 76.327, 138.289



34, 68.264, 336.195

Rectangle

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



54, 76.327, 138.289



54, 76.327, 188.289



54, 76.327, 318.289



54, 76.327, 8.289

Sweetspot

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



54, 76.327, 138.290



74, 34.403, 147.281



58, 66.352, 112.672



39, 23.624, 146.918



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, 76.327, 138.290



69, 93.985, 137.911



55, 49.145, 159.817



31, 5.119, 148.970



50, 71.605, 138.352



2, 4.461, 149.513

Inverse Universe

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



34, 68.264, 336.195



45, 83.083, 336.439



31, 57.834, 16.774



29, 5.133, 330.024



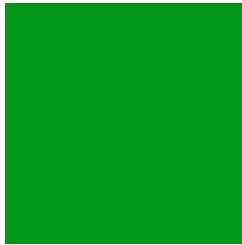
31, 64.198, 336.169



1, 4.462, 329.507

Previews

White Background



This preview shows how the CIELCh color 54, 76.327, 138.289 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, 76.327, 138.289 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

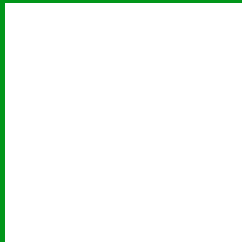
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 76.327, 138.289

Background



This preview shows how black text looks on a background with the CIELCh color 54, 76.327, 138.289.



This preview shows how white text looks on a background with the CIELCh color 54, 76.327, 138.289.

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, 76.286, 138.253

Protanopia

54, 55.034, 95.339

Deuteranopia

54, 48.447, 81.688



Tritanopia
54, 24.092, 212.729

Trichromacy



Original Color
54, 76.286, 138.253



Protanomaly
52, 60.529, 122.132



Deuteranomaly
51, 52.235, 118.508



Tritanomaly
53, 40.475, 162.948

Monochromacy



Original Color
54, 76.286, 138.253



Achromatopsia
39, 0.005, 296.813



Achromatomaly
43, 35.271, 145.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 76.327, 138.289 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, 26)` looks like.

```
.text, #text, p{  
    color:rgb(1, 150, 26)  
}
```

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, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 150, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 76.327, 138.289 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, 26) }
```

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

```
.border{ border-color:rgb(1, 150, 26) }
```

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, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 150, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 150, 26);  
box-shadow:4px 4px 4px 4px rgb(1, 150, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 76.327, 138.289 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, 26) }
```

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

```
.background{ background-color: rgb(1, 150,  
26) }
```

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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