

Converting Colors

CIELCh(54, 77.529, 137.857)

Have a look what the booklet for
CIELCh(54, 77.529, 137.857)
contains.

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Color

CIELCh(54, 77.227, 137.798)

Conversions

Conversions Part 1

Format	Color
Hex	019616
RGB	1, 150, 22
RGB Percent	0%, 59%, 9%
CMY	0.9959, 0.4106, 0.9122
CMYK	0.99, 0.00, 0.85, 0.41
HSL	129°, 99%, 30%
HSV	129°, 99%, 59%
XYZ	11.1160, 21.9746, 4.4348
YIQ	90.8570, -47.7160, -71.3960

Conversions

Conversions Part 2

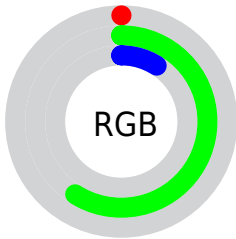
Format	Color
RYB	1, 132, 150
Decimal	103958
CIELab	54.00, -57.21, 51.88
CIElCh	54, 77.227, 137.798
Yxy	21.9746, 0.2962, 0.5856
Android (android.graphics.Color)	4278294038 (0xFF019616)
YUV	90.8570, -33.9465, -78.8046
Hunter-Lab	46.8770, -39.7068, 27.2048

Details

The CIELCh color **54, 77.227, 137.798** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **34, 69.676, 334.714**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 76.970, 137.834**, and **35, 59.004, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 77.461, 137.733**, and if you desaturate by 10%, it is **54, 73.308, 139.037**.

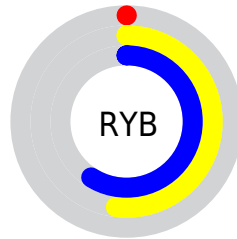
Distribution



Red (0%)

Green (59%)

Blue (9%)



Red (0%)

Yellow (52%)

Blue (59%)

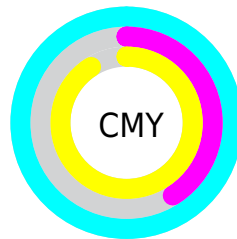


Cyan (99%)

Magenta (0%)

Yellow (85%)

Black (41%)



Cyan (100%)

Magenta (41%)

Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 77.227, 137.798 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, 77.227, 137.798 by changing the saturation by 10% instead.

 54, 77.227,
137.798

 54, 77.227,
137.798

 100, 77.227,
137.798

 44, 77.227,
137.798

 74, 77.227,
137.798

 34, 77.227,
137.798

 84, 77.227,
137.798

 24, 77.227,
137.798

 94, 77.227,
137.798

 14, 77.227,
137.798

 4, 77.227, 137.798

 0, 77.227, 137.798

■ 54, 77.227,
137.798

■ 54, 77.227,
137.798

■ 54, 77.461,
137.733

■ 54, 73.308,
139.037

■ 54, 68.046,
140.472

■ 55, 61.537,
141.909

■ 55, 54.006,
143.265

■ 56, 45.686,
144.497

■ 57, 36.804,
145.586

■ 58, 27.566,
146.536

■ 59, 18.151,

147.359

■ 61, 8.705, 148.077

Harmonies

Complementary

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



54, 77.227, 137.798



34, 69.676, 334.714

Rectangle

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



54, 77.227, 137.798



54, 77.227, 187.798



54, 77.227, 317.798



54, 77.227, 7.798

Sweetspot

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



54, 77.227, 137.799



74, 35.087, 146.419



59, 65.938, 110.785



39, 24.094, 146.059



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, 77.227, 137.799



69, 95.027, 137.452



55, 51.129, 157.494



31, 5.220, 148.085



50, 72.473, 137.847



2, 4.548, 148.619

Inverse Universe

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



34, 69.676, 334.714



45, 84.840, 334.915



31, 57.261, 13.601



29, 5.232, 329.121



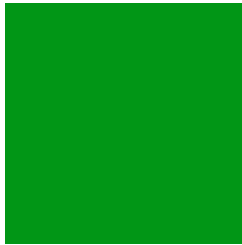
31, 65.521, 334.702



1, 4.549, 328.614

Previews

White Background



This preview shows how the CIELCh color 54, 77.227, 137.798 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 CIE LCh color 54, 77.227, 137.798 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

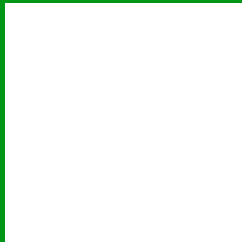
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 77.227, 137.798

Background



This preview shows how black text looks on a background with the CIELCh color 54, 77.227, 137.798.



This preview shows how white text looks on a background with the CIELCh color 54, 77.227, 137.798.

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, 77.187, 137.762

Protanopia

54, 56.014, 95.352

Deuteranopia

54, 49.252, 81.937



Tritanopia
54, 24.092, 212.729

Trichromacy



Original Color
54, 77.187, 137.762



Protanomaly
52, 61.493, 121.744



Deuteranomaly
51, 53.325, 118.102



Tritanomaly
53, 41.254, 161.712

Monochromacy



Original Color
54, 77.187, 137.762



Achromatopsia
39, 0.005, 296.813



Achromatomaly
43, 35.734, 144.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 77.227, 137.798 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, 22)` looks like.

```
.text, #text, p{  
    color:rgb(1, 150, 22)  
}
```

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, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 150, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 77.227, 137.798 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, 22) }
```

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

```
.border{ border-color:rgb(1, 150, 22) }
```

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, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 150, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 150, 22);  
box-shadow:4px 4px 4px 4px rgb(1, 150, 22)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 77.227, 137.798 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, 22) }
```

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

```
.background{ background-color: rgb(1, 150,  
22) }
```

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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