

Converting Colors

CIELCh(54, 62.883, 147.504)

Have a look what the booklet for
CIELCh(54, 62.883, 147.504)
contains.

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Color

CIELCh(54, 62.158, 147.170)

Conversions

Conversions Part 1

Format	Color
Hex	019543
RGB	1, 149, 67
RGB Percent	0%, 58%, 26%
CMY	0.9973, 0.4148, 0.7365
CMYK	1.00, 0.00, 0.55, 0.41
HSL	147°, 99%, 29%
HSV	147°, 100%, 59%
XYZ	11.8089, 21.9746, 8.9596
YIQ	95.4000, -61.8860, -56.8780

Conversions

Conversions Part 2

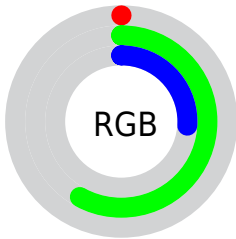
Format	Color
R_{YB}	1, 103, 149
Decimal	103747
CIE _{Lab}	54.00, -52.23, 33.70
CIE _{LCh}	54, 62.158, 147.170
Yxy	21.9746, 0.2763, 0.5141
Android (android.graphics.Color)	4278293827 (0xFF019543)
YUV	95.4000, -14.0012, -82.7888
Hunter-Lab	46.8770, -37.0686, 21.4818

Details

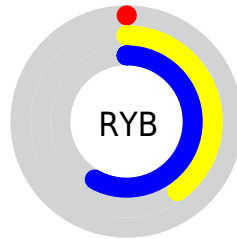
The CIELCh color **54, 62.158, 147.170** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **32, 57.619, 356.316**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 61.917, 147.136**, and **35, 54.474, 139.348** is the 20% darker color. If you saturate the color by 10%, you get **54, 62.342, 147.080**, and if you desaturate by 10%, it is **54, 58.135, 149.235**.

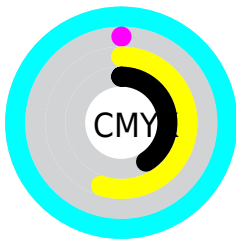
Distribution



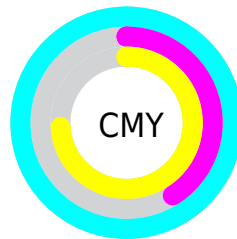
- Red (0%)
- Green (58%)
- Blue (26%)



- Red (0%)
- Yellow (40%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (41%)





- Cyan (100%)
- Magenta (41%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 62.158, 147.170 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, 62.158, 147.170 by changing the saturation by 10% instead.


 54, 62.158,
147.170


 54, 62.158,
147.170


 100, 62.158,
147.170


 44, 62.158,
147.170


 74, 62.158,
147.170

 34, 62.158,
147.170

 84, 62.158,
147.170

 24, 62.158,
147.170

 94, 62.158,
147.170

 14, 62.158,
147.170

 4, 62.158, 147.170

 0, 62.158, 147.170

■ 54, 62.158,
147.170

■ 54, 62.158,
147.170

■ 54, 62.342,
147.080

■ 54, 58.135,
149.235

■ 55, 53.554,
151.227

■ 55, 48.295,
153.025

■ 56, 42.403,
154.624

■ 56, 35.965,
156.035

■ 57, 29.096,
157.279

■ 58, 21.917,
158.376

■ 59, 14.549,

159.353

■ 60, 7.096, 160.240

Harmonies

Complementary

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



54, 62.158, 147.170



32, 57.619, 356.316

Rectangle

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



54, 62.158, 147.170



54, 62.158, 197.170



54, 62.158, 327.170



54, 62.158, 17.170

Sweetspot

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



54, 62.158, 147.170



74, 27.536, 158.265



56, 71.245, 125.353



38, 18.680, 157.858



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 62.158, 147.170



69, 76.426, 146.587



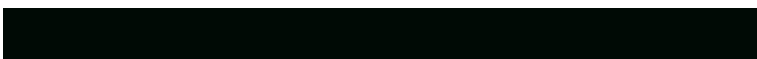
56, 35.532, 186.874



31, 4.175, 160.269



50, 58.578, 147.257



2, 3.651, 160.944

Inverse Universe

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



32, 57.619, 356.316



42, 69.773, 357.264



31, 66.939, 36.565



29, 4.216, 341.603



29, 54.462, 356.175



1, 3.651, 340.935

Previews

White Background



This preview shows how the CIELCh color 54, 62.158, 147.170 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, 62.158, 147.170 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, 62.158, 147.170

Background



This preview shows how black text looks on a background with the CIELCh color 54, 62.158, 147.170.



This preview shows how white text looks on a background with the CIELCh color 54, 62.158, 147.170.

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, 62.114, 147.133

Protanopia

54, 38.826, 96.379

Deuteranopia

54, 32.167, 78.272



Tritanopia
54, 25.085, 213.428

Trichromacy



Original Color
54, 62.114, 147.133



Protanomaly
52, 44.841, 130.588



Deuteranomaly
52, 37.153, 128.438



Tritanomaly
53, 35.019, 174.708

Monochromacy



Original Color
54, 62.114, 147.133



Achromatopsia
40, 0.006, 296.813



Achromatomaly
44, 27.777, 156.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 62.158, 147.170 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, 149, 67)` looks like.

```
.text, #text, p{  
    color:rgb(1, 149, 67)  
}
```

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, 149, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 149, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 62.158, 147.170 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, 149, 67) }
```

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

```
.border{ border-color:rgb(1, 149, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 149, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 149, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 149, 67);  
box-shadow:4px 4px 4px 4px rgb(1, 149, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 62.158, 147.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 149, 67) }
```

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

```
.background{ background-color: rgb(1, 149,  
67) }
```

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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