

Converting Colors

CIELCh(51, 82.253, 158.833)

Have a look what the booklet for
CIELCh(51, 82.253, 158.833)
contains.

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Color

CIELCh(54, 61.654, 147.321)

Conversions

Conversions Part 1

Format	Color
Hex	049544
RGB	4, 149, 68
RGB Percent	2%, 58%, 27%
CMY	0.9855, 0.4152, 0.7333
CMYK	0.98, 0.00, 0.54, 0.42
HSL	147°, 95%, 30%
HSV	147°, 98%, 58%
XYZ	11.8566, 21.9746, 9.0869
YIQ	96.4110, -60.4190, -55.9310

Conversions

Conversions Part 2

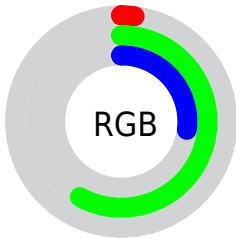
Format	Color
RYB	4, 105, 149
Decimal	300356
CIELab	54.00, -51.89, 33.29
CIELCh	54, 61.654, 147.321
Yxy	21.9746, 0.2763, 0.5120
Android (android.graphics.Color)	4278490436 (0xFF049544)
YUV	96.4110, -14.0066, -81.0444
Hunter-Lab	46.8770, -36.8869, 21.3208

Details

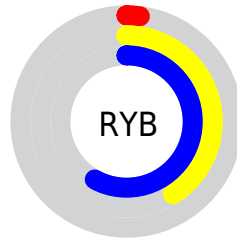
The CIELCh color **54, 61.654, 147.321** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **32, 57.444, 355.226**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 61.346, 147.286**, and **35, 53.851, 139.838** is the 20% darker color. If you saturate the color by 10%, you get **54, 62.639, 146.836**, and if you desaturate by 10%, it is **54, 57.534, 149.400**.

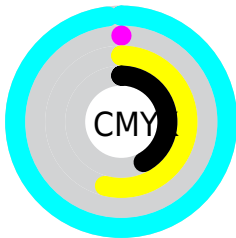
Distribution



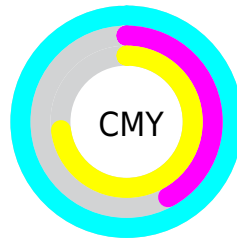
- Red (2%)
- Green (58%)
- Blue (27%)



- Red (2%)
- Yellow (41%)
- Blue (58%)



- Cyan (98%)
- Magenta (0%)
- Yellow (54%)
- Black (42%)





- Cyan (99%)
- Magenta (42%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 61.654, 147.321 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, 61.654, 147.321 by changing the saturation by 10% instead.


 54, 61.654,
147.321


 54, 61.654,
147.321


 100, 61.654,
147.321


 44, 61.654,
147.321


 74, 61.654,
147.321

 34, 61.654,
147.321

 84, 61.654,
147.321

 24, 61.654,
147.321

 94, 61.654,
147.321

 14, 61.654,
147.321

 4, 61.654, 147.321

 0, 61.654, 147.321

■ 54, 61.654,
147.321

■ 54, 61.654,
147.321

■ 54, 62.639,
146.836

■ 54, 57.534,
149.400

■ 55, 52.787,
151.352

■ 55, 47.364,
153.108

■ 56, 41.322,
154.665

■ 56, 34.754,
156.039

■ 57, 27.780,
157.248

■ 58, 20.522,
158.317

■ 59, 13.099,

159.269

■ 61, 5.612, 160.143

Harmonies

Complementary

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



54, 61.654, 147.321



32, 57.444, 355.226

Rectangle

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



54, 61.654, 147.321



54, 61.654, 197.321



54, 61.654, 327.321



54, 61.654, 17.321

Sweetspot

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



54, 61.654, 147.321



74, 26.750, 158.106



56, 70.572, 125.191



38, 18.255, 157.699



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, 61.654, 147.321



69, 76.826, 146.343



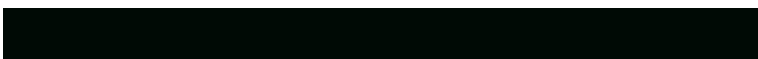
56, 35.329, 187.033



31, 4.192, 159.998



50, 58.884, 147.011



2, 3.665, 160.670

Inverse Universe

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



32, 57.444, 355.226



42, 69.896, 356.761



31, 65.900, 35.973



29, 4.232, 341.326



29, 54.566, 355.691



1, 3.666, 340.661

Previews

White Background



This preview shows how the CIELCh color 54, 61.654, 147.321 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, 61.654, 147.321 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, 61.654, 147.321

Background



This preview shows how black text looks on a background with the CIELCh color 54, 61.654, 147.321.



This preview shows how white text looks on a background with the CIELCh color 54, 61.654, 147.321.

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, 61.583, 147.325

Protanopia
54, 38.327, 96.336

Deuteranopia
53, 31.473, 76.772



Tritanopia
54, 25.085, 213.428

Trichromacy



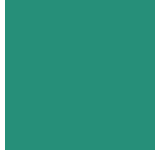
Original Color
54, 61.583, 147.325



Protanomaly
52, 44.202, 130.451



Deuteranomaly
52, 36.366, 127.611



Tritanomaly
53, 34.882, 174.635

Monochromacy



Original Color
54, 61.583, 147.325



Achromatopsia
41, 0.006, 296.813



Achromatomaly
44, 27.106, 156.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 61.654, 147.321 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(4, 149, 68)` looks like.

```
.text, #text, p{  
    color:rgb(4, 149, 68)  
}
```

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(4, 149, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 149, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 61.654, 147.321 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(4, 149, 68) }
```

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

```
.border{ border-color:rgb(4, 149, 68) }
```

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

Here you see how a box with a 4 pixel rgb(4, 149, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 149, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 149, 68);  
box-shadow:4px 4px 4px 4px rgb(4, 149, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 61.654, 147.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 149, 68) }
```

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

```
.background{ background-color: rgb(4, 149,  
68) }
```

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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