

Converting Colors

CIELCh(54, 41.571, 169.569)

Have a look what the booklet for
CIELCh(54, 41.571, 169.569)
contains.

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Color

CIELCh(54, 41.777, 169.361)

Conversions

Conversions Part 1

Format	Color
Hex	039373
RGB	3, 147, 115
RGB Percent	1%, 58%, 45%
CMY	0.9901, 0.4253, 0.5506
CMYK	0.98, 0.00, 0.22, 0.43
HSL	167°, 97%, 29%
HSV	167°, 98%, 57%
XYZ	13.4672, 21.9746, 19.6263
YIQ	100.2960, -75.5520, -40.4800

Conversions

Conversions Part 2

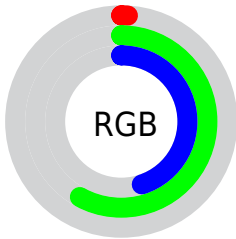
Format	Color
RYB	3, 84, 147
Decimal	234355
CIELab	54.00, -41.06, 7.71
CIELCh	54, 41.777, 169.361
Yxy	21.9746, 0.2446, 0.3990
Android (android.graphics.Color)	4278424435 (0xFF039373)
YUV	100.2960, 7.2491, -85.3286
Hunter-Lab	46.8770, -30.7538, 7.9907

Details

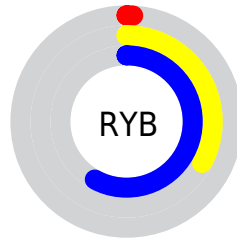
The CIELCh color **54, 41.777, 169.361** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **30, 59.351, 25.830**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 41.896, 169.406**, and **35, 33.281, 163.792** is the 20% darker color. If you saturate the color by 10%, you get **54, 42.103, 169.062**, and if you desaturate by 10%, it is **54, 39.850, 171.137**.

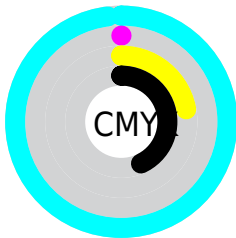
Distribution



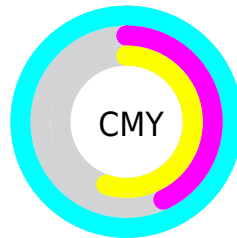
- Red (1%)
- Green (58%)
- Blue (45%)



- Red (1%)
- Yellow (33%)
- Blue (58%)



- Cyan (98%)
- Magenta (0%)
- Yellow (22%)
- Black (43%)





- Cyan (99%)
- Magenta (43%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 41.777, 169.361 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, 41.777, 169.361 by changing the saturation by 10% instead.


 54, 41.777,
169.361


 54, 41.777,
169.361


 100, 41.777,
169.361


 44, 41.777,
169.361


 74, 41.777,
169.361

 34, 41.777,
169.361

 84, 41.777,
169.361

 24, 41.777,
169.361

 94, 41.777,
169.361

 14, 41.777,
169.361

 4, 41.777, 169.361

 0, 41.777, 169.361

■ 54, 41.777,
169.361

■ 54, 41.777,
169.361

■ 54, 42.103,
169.062

■ 54, 39.850,
171.137

■ 54, 37.406,
172.786

■ 55, 34.323,
174.273

■ 55, 30.606,
175.616

■ 56, 26.304,
176.837

■ 57, 21.490,
177.960

■ 58, 16.256,
179.002

■ 59, 10.697,

179.985

■ 60, 4.905, 180.945

Harmonies

Complementary

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



54, 41.777, 169.361



30, 59.351, 25.830

Rectangle

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



54, 41.777, 169.361



54, 41.777, 219.361



54, 41.777, 349.361



54, 41.777, 39.361

Sweetspot

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



54, 41.777, 169.360



73, 20.659, 178.867



53, 76.643, 134.008



38, 14.162, 178.466



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, 41.777, 169.360



69, 51.540, 168.625



43, 30.446, 247.955



31, 3.372, 180.852



51, 40.171, 169.181



2, 2.983, 181.599

Inverse Universe

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



30, 59.351, 25.830



40, 73.886, 27.902



33, 62.031, 46.324



29, 3.486, 2.362



28, 57.294, 26.276



1, 2.984, 1.584

Previews

White Background



This preview shows how the CIELCh color 54, 41.777, 169.361 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, 41.777, 169.361 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, 41.777, 169.361

Background



This preview shows how black text looks on a background with the CIELCh color 54, 41.777, 169.361.

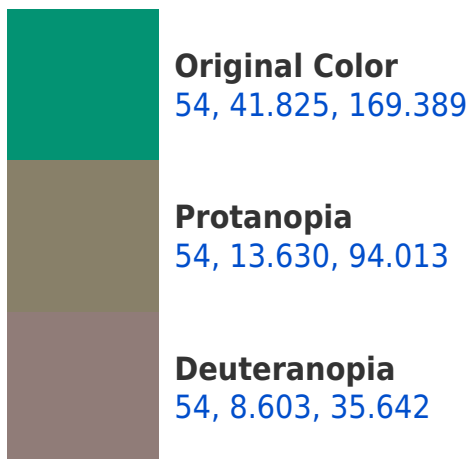


This preview shows how white text looks on a background with the CIELCh color 54, 41.777, 169.361.

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





Tritanopia
54, 27.422, 211.813

Trichromacy



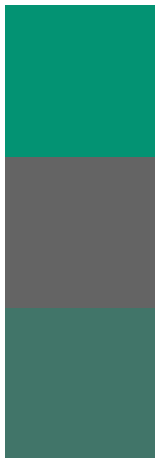
Original Color
54, 41.825, 169.389

Protanomaly
52, 24.412, 157.280

Deuteranomaly
52, 17.092, 169.221

Tritanomaly
54, 31.249, 192.189

Monochromacy



Original Color
54, 41.825, 169.389

Achromatopsia
42, 0.006, 296.813

Achromatomaly
45, 20.575, 176.696

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 41.777, 169.361 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(3, 147, 115)` looks like.

```
.text, #text, p{  
    color:rgb(3, 147, 115)  
}
```

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(3, 147, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 147, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 41.777, 169.361 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(3, 147, 115) }
```

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

```
.border{ border-color:rgb(3, 147, 115) }
```

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

Here you see how a box with a 4 pixel rgb(3, 147, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 147, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 147, 115);  
box-shadow:4px 4px 4px 4px rgb(3, 147,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 41.777, 169.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 147, 115) }
```

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

```
.background{ background-color: rgb(3, 147,  
115) }
```

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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