

Converting Colors

CIELCh(54, 53.159, 154.763)

Have a look what the booklet for
CIELCh(54, 53.159, 154.763)
contains.

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Color

CIELCh(54, 53.029, 154.839)

Conversions

Conversions Part 1

Format	Color
Hex	029458
RGB	2, 148, 88
RGB Percent	1%, 58%, 35%
CMY	0.9930, 0.4187, 0.6540
CMYK	0.99, 0.00, 0.40, 0.42
HSL	155°, 98%, 29%
HSV	155°, 99%, 58%
XYZ	12.4202, 21.9746, 12.8664
YIQ	97.5060, -67.7560, -49.6120

Conversions

Conversions Part 2

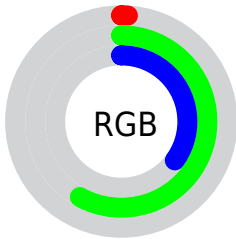
Format	Color
RYB	2, 94, 148
Decimal	169048
CIELab	54.00, -48.00, 22.55
CIELCh	54, 53.029, 154.839
Yxy	21.9746, 0.2628, 0.4650
Android (android.graphics.Color)	4278359128 (0xFF029458)
YUV	97.5060, -4.6865, -83.7588
Hunter-Lab	46.8770, -34.7409, 16.5405

Details

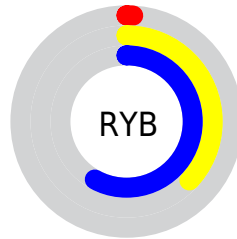
The CIELCh color **54, 53.029, 154.839** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **31, 56.157, 9.222**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 53.149, 154.699**, and **35, 45.235, 147.323** is the 20% darker color. If you saturate the color by 10%, you get **54, 53.413, 154.597**, and if you desaturate by 10%, it is **54, 49.802, 156.946**.

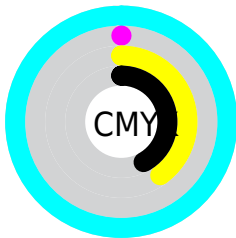
Distribution



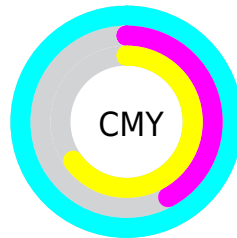
- Red (1%)
- Green (58%)
- Blue (35%)



- Red (1%)
- Yellow (37%)
- Blue (58%)



- Cyan (99%)
- Magenta (0%)
- Yellow (40%)
- Black (42%)





- Cyan (99%)
- Magenta (42%)
- Yellow (65%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 53.029, 154.839 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, 53.029, 154.839 by changing the saturation by 10% instead.


 54, 53.029,
154.839


 54, 53.029,
154.839


 100, 53.029,
154.839

 44, 53.029,
154.839


 74, 53.029,
154.839

 34, 53.029,
154.839

 84, 53.029,
154.839

 24, 53.029,
154.839

 94, 53.029,
154.839

 14, 53.029,
154.839

 4, 53.029, 154.839

 0, 53.029, 154.839

■ 54, 53.029,
154.839

■ 54, 53.029,
154.839

■ 54, 53.413,
154.597

■ 54, 49.802,
156.946

■ 55, 46.072,
158.931

■ 55, 41.715,
160.713

■ 56, 36.755,
162.302

■ 56, 31.258,
163.717

■ 57, 25.317,
164.980

■ 58, 19.039,
166.116

■ 59, 12.529,

167.149

■ 60, 5.884, 168.113

Harmonies

Complementary

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



54, 53.029, 154.839



31, 56.157, 9.222

Rectangle

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



54, 53.029, 154.839



54, 53.029, 204.839



54, 53.029, 334.839



54, 53.029, 24.839

Sweetspot

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



54, 53.029, 154.839



74, 24.631, 165.917



54, 74.069, 130.190



38, 16.677, 165.491



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, 53.029, 154.839



69, 65.738, 154.080



52, 30.192, 210.476



31, 3.772, 168.074



50, 50.463, 154.763



2, 3.311, 168.820

Inverse Universe

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



31, 56.157, 9.222



41, 68.898, 10.903



31, 67.400, 40.414



29, 3.839, 349.563



29, 53.463, 9.362



1, 3.312, 348.809

Previews

White Background



This preview shows how the CIELCh color 54, 53.029, 154.839 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, 53.029, 154.839 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, 53.029, 154.839

Background



This preview shows how black text looks on a background with the CIELCh color 54, 53.029, 154.839.



This preview shows how white text looks on a background with the CIELCh color 54, 53.029, 154.839.

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, 52.983, 154.803

Protanopia
54, 27.809, 95.488

Deuteranopia
54, 21.289, 70.778



Tritanopia
54, 25.988, 211.413

Trichromacy



Original Color
54, 52.983, 154.803



Protanomaly
52, 35.001, 138.486



Deuteranomaly
52, 27.203, 139.316



Tritanomaly
54, 33.383, 181.121

Monochromacy



Original Color
54, 52.983, 154.803



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 24.250, 163.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 53.029, 154.839 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(2, 148, 88)` looks like.

```
.text, #text, p{  
    color:rgb(2, 148, 88)  
}
```

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(2, 148, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 148, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 53.029, 154.839 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(2, 148, 88) }
```

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

```
.border{ border-color:rgb(2, 148, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 148, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 148, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 148, 88);  
box-shadow:4px 4px 4px 4px rgb(2, 148, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 53.029, 154.839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 148, 88) }
```

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

```
.background{ background-color: rgb(2, 148,  
88) }
```

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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