

Converting Colors

CIELCh(55, 54.115, 154.358)

Have a look what the booklet for
CIELCh(55, 54.115, 154.358)
contains.

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Color

CIELCh(55, 54.045, 154.374)

Conversions

Conversions Part 1

Format	Color
Hex	049759
RGB	4, 151, 89
RGB Percent	2%, 59%, 35%
CMY	0.9825, 0.4073, 0.6505
CMYK	0.97, 0.00, 0.41, 0.41
HSL	155°, 94%, 31%
HSV	155°, 97%, 59%
XYZ	12.9532, 22.9298, 13.2220
YIQ	99.9790, -67.7100, -50.4460

Conversions

Conversions Part 2

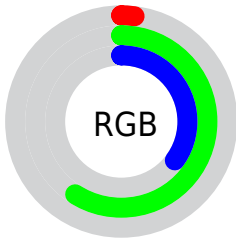
Format	Color
RYB	4, 97, 151
Decimal	300889
CIELab	55.00, -48.73, 23.37
CIELCh	55, 54.045, 154.374
Yxy	22.9298, 0.2638, 0.4670
Android (android.graphics.Color)	4278490969 (0xFF049759)
YUV	99.9790, -5.4126, -84.1736
Hunter-Lab	47.8851, -35.5138, 17.1485

Details

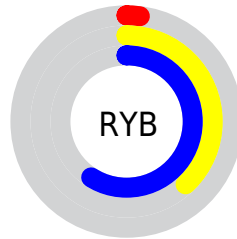
The CIELCh color **55, 54.045, 154.374** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **32, 56.546, 7.340**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 53.665, 154.568**, and **36, 46.433, 147.105** is the 20% darker color. If you saturate the color by 10%, you get **55, 55.020, 153.770**, and if you desaturate by 10%, it is **55, 50.640, 156.499**.

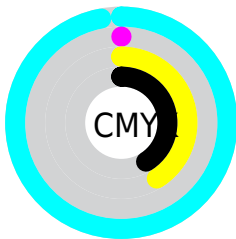
Distribution



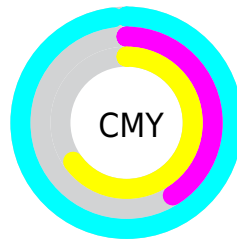
- Red (2%)
- Green (59%)
- Blue (35%)



- Red (2%)
- Yellow (38%)
- Blue (59%)



- Cyan (97%)
- Magenta (0%)
- Yellow (41%)
- Black (41%)





- Cyan (98%)
- Magenta (41%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 54.045, 154.374 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 55, 54.045, 154.374 by changing the saturation by 10% instead.


 55, 54.045,
154.374


 55, 54.045,
154.374


 100, 54.045,
154.374


 45, 54.045,
154.374


 75, 54.045,
154.374

 35, 54.045,
154.374

 85, 54.045,
154.374

 25, 54.045,
154.374

 95, 54.045,
154.374

 15, 54.045,
154.374

 5, 54.045, 154.374

 0, 54.045, 154.374

■ 55, 54.045,
154.374

■ 55, 54.045,
154.374

■ 55, 55.020,
153.770

■ 55, 50.640,
156.499

■ 56, 46.659,
158.460

■ 56, 42.040,
160.217

■ 57, 36.816,
161.782

■ 57, 31.062,
163.174

■ 58, 24.878,
164.416

■ 59, 18.375,
165.532

■ 60, 11.659,

166.547

■ 62, 4.828, 167.504

Harmonies

Complementary

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



55, 54.045, 154.374



32, 56.546, 7.340

Rectangle

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



55, 54.045, 154.374



55, 54.045, 204.374



55, 54.045, 334.374



55, 54.045, 24.374

Sweetspot

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



55, 54.045, 154.374



75, 24.332, 165.259



56, 74.189, 129.628



39, 16.753, 164.822



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



55, 54.045, 154.374



70, 67.405, 153.271



53, 31.048, 207.258



32, 3.914, 167.293



51, 51.936, 153.936



3, 4.273, 167.464

Inverse Universe

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



32, 56.546, 7.340



42, 69.463, 9.687



32, 67.810, 39.757



30, 3.980, 348.780



29, 54.133, 8.222



1, 4.227, 348.453

Previews

White Background



This preview shows how the CIELCh color 55, 54.045, 154.374 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 55, 54.045, 154.374 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 55, 54.045, 154.374

Background



This preview shows how black text looks on a background with the CIELCh color 55, 54.045, 154.374.



This preview shows how white text looks on a background with the CIELCh color 55, 54.045, 154.374.

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
55, 54.045, 154.374

Protanopia
55, 28.785, 95.835

Deuteranopia
55, 21.975, 70.702



Tritanopia
55, 26.249, 212.563

Trichromacy



Original Color
55, 54.045, 154.374



Protanomaly
53, 35.827, 137.608



Deuteranomaly
53, 28.069, 138.145



Tritanomaly
55, 33.491, 181.232

Monochromacy



Original Color
55, 54.045, 154.374



Achromatopsia
42, 0.006, 296.813



Achromatomaly
46, 24.827, 163.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 54.045, 154.374 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, 151, 89)` looks like.

```
.text, #text, p{  
    color:rgb(4, 151, 89)  
}
```

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, 151, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 151, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 54.045, 154.374 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, 151, 89) }
```

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

```
.border{ border-color:rgb(4, 151, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 151, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 151, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 151, 89);  
box-shadow:4px 4px 4px 4px rgb(4, 151, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 55, 54.045, 154.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 151, 89) }
```

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

```
.background{ background-color: rgb(4, 151,  
89) }
```

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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