

Converting Colors

CIELCh(54, 63.944, 146.000)

Have a look what the booklet for
CIELCh(54, 63.944, 146.000)
contains.

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Color

CIELCh(54, 63.736, 145.998)

Conversions

Conversions Part 1

Format	Color
Hex	01953F
RGB	1, 149, 63
RGB Percent	0%, 58%, 25%
CMY	0.9955, 0.4143, 0.7517
CMYK	0.99, 0.00, 0.58, 0.41
HSL	145°, 98%, 30%
HSV	145°, 99%, 59%
XYZ	11.7227, 21.9746, 8.3724
YIQ	94.9440, -60.6020, -58.1220

Conversions

Conversions Part 2

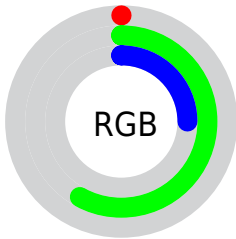
Format	Color
RYB	1, 105, 149
Decimal	103743
CIELab	54.00, -52.84, 35.64
CIELCh	54, 63.736, 145.998
Yxy	21.9746, 0.2787, 0.5223
Android (android.graphics.Color)	4278293823 (0xFF01953F)
YUV	94.9440, -15.7484, -82.3889
Hunter-Lab	46.8770, -37.3966, 22.2246

Details

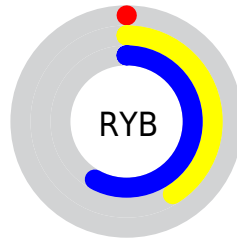
The CIELCh color **54, 63.736, 145.998** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **32, 58.229, 353.775**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 63.530, 145.974**, and **35, 55.875, 138.276** is the 20% darker color. If you saturate the color by 10%, you get **54, 64.047, 145.852**, and if you desaturate by 10%, it is **54, 59.583, 148.039**.

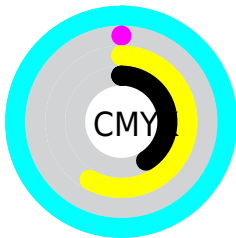
Distribution



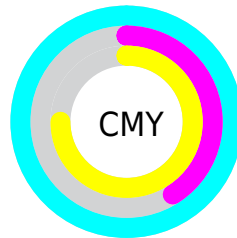
- Red (0%)
- Green (58%)
- Blue (25%)



- Red (0%)
- Yellow (41%)
- Blue (58%)



- Cyan (99%)
- Magenta (0%)
- Yellow (58%)
- Black (41%)




- Cyan (100%)
- Magenta (41%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 63.736, 145.998 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, 63.736, 145.998 by changing the saturation by 10% instead.


 54, 63.736,
145.998

 54, 63.736,
145.998


 100, 63.736,
145.998

 44, 63.736,
145.998


 74, 63.736,
145.998

 34, 63.736,
145.998

 84, 63.736,
145.998

 24, 63.736,
145.998

 94, 63.736,
145.998

 14, 63.736,
145.998

 4, 63.736, 145.998

 0, 63.736, 145.998

■ 54, 63.736,
145.998

■ 54, 63.736,
145.998

■ 54, 64.047,
145.852

■ 54, 59.583,
148.039

■ 55, 54.830,
150.008

■ 55, 49.381,
151.787

■ 56, 43.287,
153.370

■ 56, 36.644,
154.765

■ 57, 29.572,
155.992

■ 58, 22.199,
157.072

■ 59, 14.646,

158.030

■ 61, 7.020, 158.897

Harmonies

Complementary

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



54, 63.736, 145.998



32, 58.229, 353.775

Rectangle

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



54, 63.736, 145.998



54, 63.736, 195.998



54, 63.736, 325.998



54, 63.736, 15.998

Sweetspot

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



54, 63.736, 145.998



74, 28.156, 156.932



56, 70.810, 124.683



38, 19.106, 156.530



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, 63.736, 145.998



69, 78.463, 145.369



56, 36.134, 184.695



31, 4.262, 158.900



50, 60.137, 146.029



2, 3.725, 159.559

Inverse Universe

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



32, 58.229, 353.775



42, 70.473, 354.717



31, 66.210, 35.685



29, 4.299, 340.201



29, 55.041, 353.728



1, 3.726, 339.550

Previews

White Background



This preview shows how the CIELCh color 54, 63.736, 145.998 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, 63.736, 145.998 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, 63.736, 145.998

Background



This preview shows how black text looks on a background with the CIELCh color 54, 63.736, 145.998.



This preview shows how white text looks on a background with the CIELCh color 54, 63.736, 145.998.

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, 63.692, 145.961

Protanopia

54, 40.387, 95.835

Deuteranopia

54, 33.695, 77.540



Tritanopia
54, 24.900, 213.567

Trichromacy



Original Color

54, 63.692, 145.961



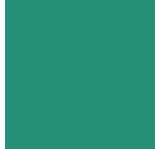
Protanomaly

52, 46.653, 129.451



Deuteranomaly

51, 38.496, 126.894



Tritanomaly

53, 35.204, 173.804

Monochromacy



Original Color

54, 63.692, 145.961



Achromatopsia

40, 0.006, 296.813



Achromatomaly

44, 28.638, 154.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 63.736, 145.998 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, 63)` looks like.

```
.text, #text, p{  
    color:rgb(1, 149, 63)  
}
```

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, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 149, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 63.736, 145.998 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, 63) }
```

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

```
.border{ border-color:rgb(1, 149, 63) }
```

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, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 149, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 149, 63);  
box-shadow:4px 4px 4px 4px rgb(1, 149, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 63.736, 145.998 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, 63) }
```

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

```
.background{ background-color: rgb(1, 149,  
63) }
```

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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