

Converting Colors

CIELCh(54, 57.270, 145.894)

Have a look what the booklet for
CIELCh(54, 57.270, 145.894)
contains.

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Color

CIELCh(54, 57.618, 145.699)

Conversions

Conversions Part 1

Format	Color
Hex	279446
RGB	39, 148, 70
RGB Percent	15%, 58%, 27%
CMY	0.8483, 0.4205, 0.7263
CMYK	0.74, 0.00, 0.53, 0.42
HSL	137°, 58%, 37%
HSV	137°, 74%, 58%
XYZ	12.4790, 21.9746, 9.3447
YIQ	106.5170, -39.9260, -47.3660

Conversions

Conversions Part 2

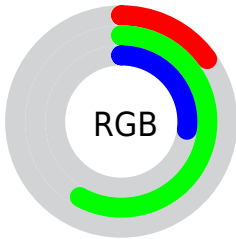
Format	Color
R _Y B	39, 124, 148
Decimal	2593862
CIE Lab	54.00, -47.60, 32.47
CIE LCh	54, 57.618, 145.699
Yxy	21.9746, 0.2849, 0.5017
Android (android.graphics.Color)	4280783942 (0xFF279446)
YUV	106.5170, -18.0029, -59.2124
Hunter-Lab	46.8770, -34.5169, 20.9948

Details

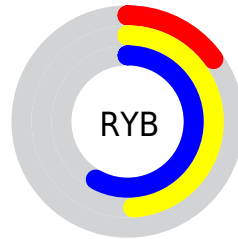
The CIELCh color $54, 57.618, 145.699$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $36, 56.073, 339.751$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $74, 57.677, 145.785$, and $35, 52.703, 140.452$ is the 20% darker color. If you saturate the color by 10%, you get $54, 63.310, 143.965$, and if you desaturate by 10%, it is $55, 51.126, 147.277$.

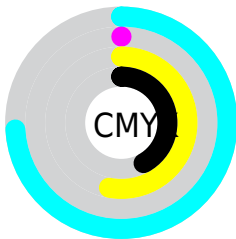
Distribution



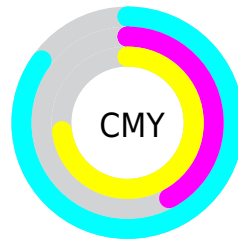
- Red (15%)
- Green (58%)
- Blue (27%)



- Red (15%)
- Yellow (49%)
- Blue (58%)



- Cyan (74%)
- Magenta (0%)
- Yellow (53%)
- Black (42%)




- Cyan (85%)
- Magenta (42%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 57.618, 145.699 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, 57.618, 145.699 by changing the saturation by 10% instead.


 54, 57.618,
145.699


 54, 57.618,
145.699

 100, 57.618,
145.699

 44, 57.618,
145.699

 74, 57.618,
145.699

 34, 57.618,
145.699

 84, 57.618,
145.699

 24, 57.618,
145.699

 94, 57.618,
145.699

 14, 57.618,
145.699

 4, 57.618, 145.699

 0, 57.618, 145.699

■ 54, 57.618,
145.699

■ 54, 57.618,
145.699

■ 54, 63.310,
143.965

■ 55, 51.126,
147.277

■ 53, 68.111,
142.124

■ 55, 43.957,
148.682

■ 53, 70.730,
141.071

■ 56, 36.263,
149.916

■ 57, 28.199,
150.993

■ 58, 19.912,
151.932

■ 59, 11.532,
152.756

■ 61, 3.165, 153.529

■ 62, 5.104, 334.019

■ 64, 13.216,
334.604

Harmonies

Complementary

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



54, 57.618, 145.699



36, 56.073, 339.751

Rectangle

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



54, 57.618, 145.699



54, 57.618, 195.699



54, 57.618, 325.699



54, 57.618, 15.699

Sweetspot

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



54, 57.618, 145.699



74, 22.697, 152.052



57, 57.530, 117.675



39, 15.370, 151.839



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, 57.618, 145.699



68, 80.752, 142.688



55, 36.159, 173.922



31, 4.708, 153.108



50, 66.974, 141.206



2, 4.107, 153.698

Inverse Universe

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



36, 56.073, 339.751



44, 74.048, 341.995



34, 48.335, 15.291



29, 4.730, 334.260



30, 59.205, 343.325



1, 4.107, 333.691

Previews

White Background



This preview shows how the CIELCh color 54, 57.618, 145.699 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, 57.618, 145.699 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, 57.618, 145.699

Background



This preview shows how black text looks on a background with the CIELCh color 54, 57.618, 145.699.



This preview shows how white text looks on a background with the CIELCh color 54, 57.618, 145.699.

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, 57.618, 145.699

Protanopia

54, 36.937, 95.437

Deuteranopia

54, 30.979, 76.373



Tritanopia
54, 23.038, 213.553

Trichromacy



Original Color
54, 57.618, 145.699



Protanomaly
53, 41.133, 124.668



Deuteranomaly
52, 33.054, 120.041



Tritanomaly
54, 31.124, 173.411

Monochromacy



Original Color
54, 57.618, 145.699



Achromatopsia
45, 0.006, 296.813



Achromatomaly
47, 22.894, 151.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 57.618, 145.699 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(39, 148, 70)` looks like.

```
.text, #text, p{  
    color:rgb(39, 148, 70)  
}
```

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(39, 148, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 148, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 57.618, 145.699 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(39, 148, 70) }
```

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

```
.border{ border-color:rgb(39, 148, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 148, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 148, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 148, 70);  
box-shadow:4px 4px 4px 4px rgb(39, 148,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 57.618, 145.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 148, 70) }
```

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

```
.background{ background-color: rgb(39, 148,  
70) }
```

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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