

Converting Colors

CIELCh(54, 37.305, 111.141)

Have a look what the booklet for
CIELCh(54, 37.305, 111.141)
contains.

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Color

CIELCh(54, 37.305, 111.141)

Conversions

Conversions Part 1

Format	Color
Hex	7E8643
RGB	126, 134, 67
RGB Percent	49%, 53%, 26%
CMY	0.5050, 0.4736, 0.7364
CMYK	0.06, 0.00, 0.50, 0.47
HSL	67°, 33%, 39%
HSV	67°, 50%, 53%
XYZ	18.2148, 21.9746, 8.6254
YIQ	123.9700, 16.7390, -22.5330

Conversions

Conversions Part 2

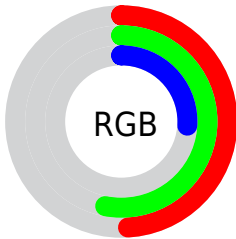
Format	Color
RYB	67, 134, 75
Decimal	8291907
CIELab	54.00, -13.45, 34.79
CIELCh	54, 37.305, 111.141
Yxy	21.9746, 0.3731, 0.4502
Android (android.graphics.Color)	4286481987 (0xFF7E8643)
YUV	123.9700, -28.0862, 1.7803
Hunter-Lab	46.8770, -12.6758, 21.9045

Details

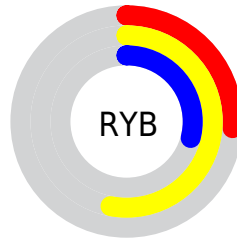
The CIELCh color $54, 37.305, 111.141$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $32, 42.355, 300.270$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 37.137, 111.092$, and $34, 37.137, 110.874$ is the 20% darker color. If you saturate the color by 10%, you get $54, 43.932, 110.529$, and if you desaturate by 10%, it is $54, 30.216, 111.842$.

Distribution



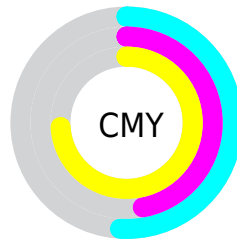
- Red (49%)
- Green (53%)
- Blue (26%)



- Red (26%)
- Yellow (53%)
- Blue (29%)



- Cyan (6%)
- Magenta (0%)
- Yellow (50%)
- Black (47%)





- Cyan (51%)
- Magenta (47%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 37.305, 111.141 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, 37.305, 111.141 by changing the saturation by 10% instead.


 54, 37.305,
111.141


 54, 37.305,
111.141


 100, 37.305,
111.141


 44, 37.305,
111.141


 74, 37.305,
111.141

 34, 37.305,
111.141

 84, 37.305,
111.141

 24, 37.305,
111.141

 94, 37.305,
111.141

 14, 37.305,
111.141

 4, 37.305, 111.141

 0, 37.305, 111.141

■ 54, 37.305,
111.141

■ 54, 37.305,
111.141

■ 54, 43.932,
110.529

■ 54, 30.216,
111.842

■ 53, 49.849,
110.049

■ 55, 22.836,
112.587

■ 53, 54.736,
109.766

■ 55, 15.282,
113.351

■ 53, 58.264,
109.746

■ 56, 7.632, 114.116

■ 53, 60.718,
109.926

■ 56, 0.065, 295.088

■ 53, 60.737,
109.927

■ 57, 7.771, 295.602

■ 57, 15.463,
296.302

■ 58, 23.121,
296.969

■ 58, 30.733,
297.601

Harmonies

Complementary

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



54, 37.305, 111.141



32, 42.355, 300.270

Rectangle

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



54, 37.305, 111.141



54, 37.305, 161.141



54, 37.305, 291.141



54, 37.305, 341.141

Sweetspot

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



54, 37.306, 111.143



70, 14.202, 113.704



39, 28.753, 32.874



36, 9.643, 113.567



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



54, 37.306, 111.143



68, 54.042, 110.453



52, 41.464, 130.761



28, 4.293, 114.177



51, 59.359, 109.906



1, 1.033, 114.863

Inverse Universe

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



32, 42.355, 300.270



36, 63.877, 301.991



36, 43.572, 315.147



25, 4.382, 295.592



14, 80.464, 306.855



0, 1.033, 294.864

Previews

White Background



This preview shows how the CIE LCh color 54, 37.305, 111.141 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, 37.305, 111.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

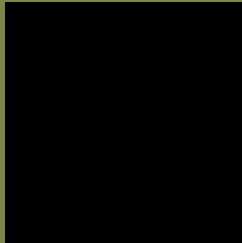
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 37.305, 111.141

Background



This preview shows how black text looks on a background with the CIELCh color 54, 37.305, 111.141.



This preview shows how white text looks on a background with the CIELCh color 54, 37.305, 111.141.

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, 37.305, 111.141

Protanopia

54, 35.793, 96.075

Deuteranopia

54, 34.628, 78.244



Tritanopia
54, 6.414, 316.006

Trichromacy



Original Color
54, 37.305, 111.141

Protanomaly
54, 36.274, 102.020

Deuteranomaly
54, 33.949, 91.034

Tritanomaly
54, 10.320, 106.581

Monochromacy



Original Color
54, 37.305, 111.141

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 14.411, 113.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 37.305, 111.141 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(126, 134, 67)` looks like.

```
.text, #text, p{  
    color:rgb(126, 134, 67)  
}
```

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(126, 134, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 134, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 37.305, 111.141 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(126, 134, 67) }
```

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

```
.border{ border-color:rgb(126, 134, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 134, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 134, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 134, 67);  
box-shadow:4px 4px 4px 4px rgb(126, 134,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 37.305, 111.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 134, 67) }
```

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

```
.background{ background-color: rgb(126,  
134, 67) }
```

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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