

Converting Colors

CIELCh(54, 33.192, 107.463)

Have a look what the booklet for
CIELCh(54, 33.192, 107.463)
contains.

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Color

CIELCh(54, 33.534, 107.555)

Conversions

Conversions Part 1

Format	Color
Hex	838549
RGB	131, 133, 73
RGB Percent	51%, 52%, 29%
CMY	0.4874, 0.4796, 0.7148
CMYK	0.02, 0.00, 0.45, 0.48
HSL	62°, 29%, 40%
HSV	62°, 45%, 52%
XYZ	18.8553, 21.9746, 9.5038
YIQ	125.5620, 18.0680, -19.0840

Conversions

Conversions Part 2

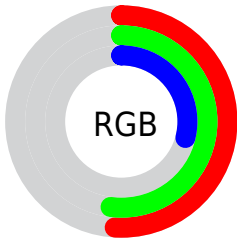
Format	Color
RYB	73, 133, 75
Decimal	8619337
CIELab	54.00, -10.11, 31.97
CIELCh	54, 33.534, 107.555
Yxy	21.9746, 0.3746, 0.4366
Android (android.graphics.Color)	4286809417 (0xFF838549)
YUV	125.5620, -25.9131, 4.7691
Hunter-Lab	46.8770, -10.2369, 20.7935

Details

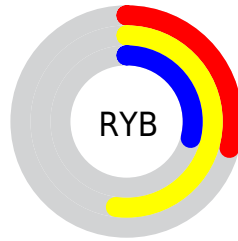
The CIELCh color $54, 33.534, 107.555$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $34, 37.632, 297.144$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 33.456, 107.648$, and $34, 33.808, 107.802$ is the 20% darker color. If you saturate the color by 10%, you get $54, 40.305, 106.770$, and if you desaturate by 10%, it is $54, 26.393, 108.402$.

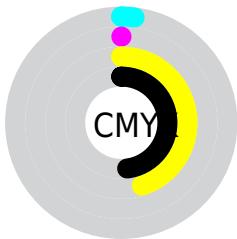
Distribution



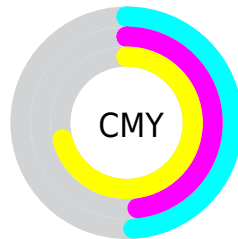
- Red (51%)
- Green (52%)
- Blue (29%)



- Red (29%)
- Yellow (52%)
- Blue (29%)



- Cyan (2%)
- Magenta (0%)
- Yellow (45%)
- Black (48%)





- Cyan (49%)
- Magenta (48%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 33.534, 107.555 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, 33.534, 107.555 by changing the saturation by 10% instead.


 54, 33.534,
107.555


 54, 33.534,
107.555


 100, 33.534,
107.555


 44, 33.534,
107.555


 74, 33.534,
107.555

 34, 33.534,
107.555

 84, 33.534,
107.555

 24, 33.534,
107.555

 94, 33.534,
107.555

 14, 33.534,
107.555

 4, 33.534, 107.555

 0, 33.534, 107.555

■ 54, 33.534,
107.555

■ 54, 33.534,
107.555

■ 54, 40.305,
106.770

■ 54, 26.393,
108.402

■ 54, 46.491,
106.074

■ 55, 19.022,
109.277

■ 53, 51.804,
105.509

■ 55, 11.518,
110.162

■ 53, 55.909,
105.123

■ 55, 3.944, 111.037

■ 53, 58.594,
104.939

■ 56, 3.660, 291.922

■ 53, 59.726,
104.871

■ 56, 11.265,
292.755

■ 57, 18.851,
293.563

■ 57, 26.405,
294.337

■ 58, 33.914,
295.073

Harmonies

Complementary

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



54, 33.534, 107.555



34, 37.632, 297.144

Rectangle

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



54, 33.534, 107.555



54, 33.534, 157.555



54, 33.534, 287.555



54, 33.534, 337.555

Sweetspot

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



54, 33.535, 107.558



70, 13.204, 110.239



39, 27.070, 26.145



36, 9.072, 110.075



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, 33.535, 107.558



69, 49.054, 106.767



52, 36.494, 128.203



28, 4.276, 110.696



52, 58.857, 104.867



1, 1.029, 111.497

Inverse Universe

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



34, 37.632, 297.144



39, 57.031, 298.942



37, 38.679, 312.321



25, 4.366, 292.352



13, 80.998, 306.438



0, 1.029, 291.498

Previews

White Background



This preview shows how the CIELCh color 54, 33.534, 107.555 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, 33.534, 107.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

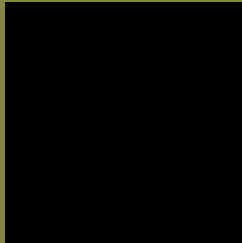
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 33.534, 107.555

Background



This preview shows how black text looks on a background with the CIELCh color 54, 33.534, 107.555.



This preview shows how white text looks on a background with the CIELCh color 54, 33.534, 107.555.

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](#).

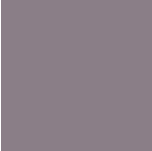
Dichromacy



Original Color
54, 33.534, 107.555

Protanopia
54, 33.198, 95.721

Deuteranopia
54, 31.918, 77.198



Tritanopia
54, 7.052, 332.850

Trichromacy



Original Color
54, 33.534, 107.555

Protanomaly
54, 32.791, 99.696

Deuteranomaly
54, 31.490, 89.426

Tritanomaly
54, 9.640, 91.323

Monochromacy



Original Color
54, 33.534, 107.555

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 12.643, 110.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 33.534, 107.555 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(131, 133, 73)` looks like.

```
.text, #text, p{  
    color:rgb(131, 133, 73)  
}
```

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(131, 133, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 133, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 33.534, 107.555 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(131, 133, 73) }
```

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

```
.border{ border-color:rgb(131, 133, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 133, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 133, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 133, 73);  
box-shadow:4px 4px 4px 4px rgb(131, 133,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 33.534, 107.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 133, 73) }
```

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

```
.background{ background-color: rgb(131,  
133, 73) }
```

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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