

Converting Colors

CIELCh(54, 35.443, 109.899)

Have a look what the booklet for
CIELCh(54, 35.443, 109.899)
contains.

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Color

CIELCh(54, 35.686, 110.122)

Conversions

Conversions Part 1

Format	Color
Hex	808646
RGB	128, 134, 70
RGB Percent	50%, 53%, 27%
CMY	0.4992, 0.4756, 0.7266
CMYK	0.04, 0.00, 0.48, 0.48
HSL	66°, 31%, 40%
HSV	66°, 48%, 52%
XYZ	18.4390, 21.9746, 9.0188
YIQ	124.9100, 16.9680, -21.1760

Conversions

Conversions Part 2

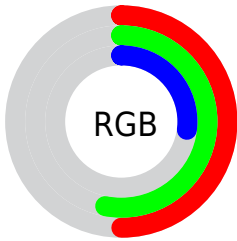
Format	Color
R_{YB}	70, 134, 76
Decimal	8422982
CIE _{Lab}	54.00, -12.28, 33.51
CIE _{LCh}	54, 35.686, 110.122
Yxy	21.9746, 0.3730, 0.4445
Android (android.graphics.Color)	4286613062 (0xFF808646)
YUV	124.9100, -27.0706, 2.7099
Hunter-Lab	46.8770, -11.8221, 21.4070

Details

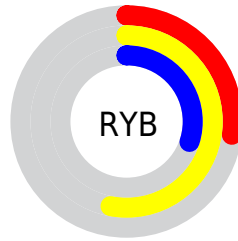
The CIELCh color $54, 35.686, 110.122$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $33, 40.307, 299.258$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 35.547, 110.093$, and $34, 35.821, 110.551$ is the 20% darker color. If you saturate the color by 10%, you get $54, 42.389, 109.452$, and if you desaturate by 10%, it is $54, 28.563, 110.870$.

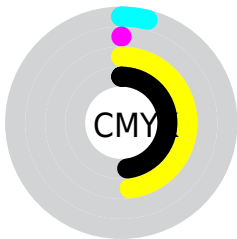
Distribution



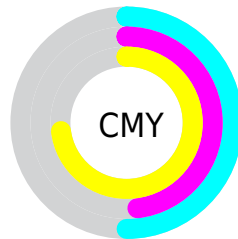
- Red (50%)
- Green (53%)
- Blue (27%)



- Red (27%)
- Yellow (53%)
- Blue (30%)



- Cyan (4%)
- Magenta (0%)
- Yellow (48%)
- Black (48%)





- Cyan (50%)
- Magenta (48%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 35.686, 110.122 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, 35.686, 110.122 by changing the saturation by 10% instead.


 54, 35.686,
110.122


 54, 35.686,
110.122


 100, 35.686,
110.122


 44, 35.686,
110.122


 74, 35.686,
110.122

 34, 35.686,
110.122

 84, 35.686,
110.122

 24, 35.686,
110.122

 94, 35.686,
110.122

 14, 35.686,
110.122

 4, 35.686, 110.122

 0, 35.686, 110.122

■ 54, 35.686,
110.122

■ 54, 35.686,
110.122

■ 54, 42.389,
109.452

■ 54, 28.563,
110.870

■ 54, 48.438,
108.895

■ 55, 21.177,
111.655

■ 53, 53.528,
108.511

■ 55, 13.636,
112.454

■ 53, 57.322,
108.359

■ 55, 6.010, 113.250

■ 53, 59.836,
108.435

■ 56, 1.655, 294.050

■ 53, 60.359,
108.451

■ 56, 9.325, 294.798

■ 57, 16.978,
295.526

■ 58, 24.598,
296.221

■ 58, 32.171,
296.881

Harmonies

Complementary

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



54, 35.686, 110.122



33, 40.307, 299.258

Rectangle

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



54, 35.686, 110.122



54, 35.686, 160.122



54, 35.686, 290.122



54, 35.686, 340.122

Sweetspot

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



54, 35.687, 110.124



70, 13.237, 112.738



39, 27.957, 30.103



36, 9.095, 112.589



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, 35.687, 110.124



68, 51.598, 109.426



52, 39.324, 129.776



28, 4.286, 113.150



52, 59.157, 108.437



1, 1.031, 113.869

Inverse Universe

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



33, 40.307, 299.258



38, 60.450, 300.910



36, 41.474, 314.019



25, 4.375, 294.633



14, 80.641, 306.714



0, 1.031, 293.869

Previews

White Background



This preview shows how the CIELCh color 54, 35.686, 110.122 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, 35.686, 110.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

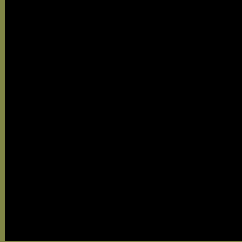
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 35.686, 110.122

Background



This preview shows how black text looks on a background with the CIELCh color 54, 35.686, 110.122.



This preview shows how white text looks on a background with the CIELCh color 54, 35.686, 110.122.

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

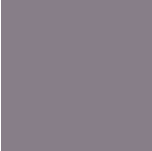
54, 35.686, 110.122

Protanopia

54, 34.761, 95.946

Deuteranopia

54, 33.400, 78.265



Tritanopia
54, 6.798, 322.032

Trichromacy



Original Color
54, 35.686, 110.122

Protanomaly
54, 34.759, 101.317

Deuteranomaly
54, 32.912, 90.735

Tritanomaly
54, 9.828, 101.643

Monochromacy



Original Color
54, 35.686, 110.122

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 13.237, 112.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 35.686, 110.122 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(128, 134, 70)` looks like.

```
.text, #text, p{  
    color:rgb(128, 134, 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(128, 134, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 134, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 35.686, 110.122 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(128, 134, 70) }
```

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

```
.border{ border-color:rgb(128, 134, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 134, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 134, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 134, 70);  
box-shadow:4px 4px 4px 4px rgb(128, 134,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 35.686, 110.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 134, 70) }
```

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

```
.background{ background-color: rgb(128,  
134, 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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