

Converting Colors

CIELCh(54, 18.571, 106.553)

Have a look what the booklet for
CIELCh(54, 18.571, 106.553)
contains.

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Color

CIELCh(54, 18.809, 106.521)

Conversions

Conversions Part 1

Format	Color
Hex	848362
RGB	132, 131, 98
RGB Percent	52%, 51%, 38%
CMY	0.4828, 0.4867, 0.6161
CMYK	0.00, 0.01, 0.26, 0.48
HSL	58°, 15%, 45%
HSV	58°, 26%, 52%
XYZ	19.7950, 21.9746, 14.7244
YIQ	127.5370, 11.1890, -10.0510

Conversions

Conversions Part 2

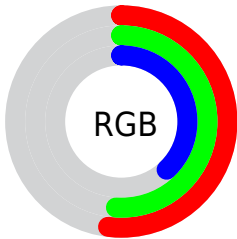
Format	Color
RYB	99, 132, 98
Decimal	8684386
CIELab	54.00, -5.35, 18.03
CIELCh	54, 18.809, 106.521
Yxy	21.9746, 0.3504, 0.3890
Android (android.graphics.Color)	4286874466 (0xFF848362)
YUV	127.5370, -14.5617, 3.9141
Hunter-Lab	46.8770, -6.6588, 14.1905

Details

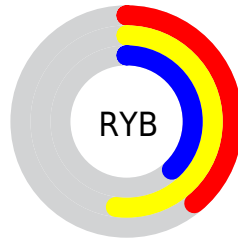
The CIELCh color $54, 18.809, 106.521$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $43, 19.878, 291.968$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 18.789, 107.144$, and $34, 19.049, 106.860$ is the 20% darker color. If you saturate the color by 10%, you get $54, 25.954, 105.570$, and if you desaturate by 10%, it is $54, 11.549, 107.486$.

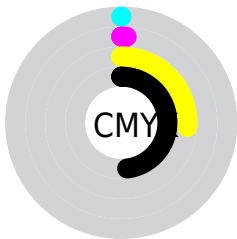
Distribution



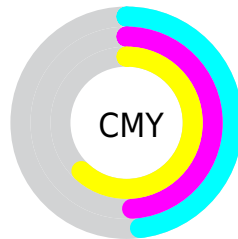
- Red (52%)
- Green (51%)
- Blue (38%)



- Red (39%)
- Yellow (52%)
- Blue (38%)



- Cyan (0%)
- Magenta (1%)
- Yellow (26%)
- Black (48%)





- Cyan (48%)
- Magenta (49%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 18.809, 106.521 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, 18.809, 106.521 by changing the saturation by 10% instead.


 54, 18.809,
106.521


 54, 18.809,
106.521


 100, 18.809,
106.521


 44, 18.809,
106.521


 74, 18.809,
106.521

 34, 18.809,
106.521

 84, 18.809,
106.521

 24, 18.809,
106.521

 94, 18.809,
106.521

 14, 18.809,
106.521

 4, 18.809, 106.521

 0, 18.809, 106.521

■ 54, 18.809,
106.521

■ 54, 18.809,
106.521

■ 54, 25.954,
105.570

■ 54, 11.549,
107.486

■ 53, 32.889,
104.638

■ 55, 4.231, 108.433

■ 53, 39.472,
103.750

■ 55, 3.108, 289.401

■ 53, 45.491,
102.934

■ 56, 10.440,
290.300

■ 53, 50.655,
102.221

■ 56, 17.750,
291.177

■ 52, 54.615,
101.640

■ 57, 25.026,
292.019

■ 52, 57.181,
101.203

■ 58, 32.259,
292.823

■ 52, 58.162,

■ 58, 39.441,
293.586

101.032

■ 59, 46.568,
294.308

Harmonies

Complementary

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



54, 18.809, 106.521



43, 19.878, 291.968

Rectangle

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



54, 18.809, 106.521



54, 18.809, 156.521



54, 18.809, 286.521



54, 18.809, 336.521

Sweetspot

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



54, 18.810, 106.525



69, 7.243, 108.208



45, 14.724, 18.739



37, 5.187, 108.081



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, 18.810, 106.525



68, 27.866, 105.958



53, 20.565, 126.726



28, 4.151, 108.118



52, 57.581, 101.034



1, 0.998, 108.988

Inverse Universe

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



43, 19.878, 291.968



52, 29.890, 292.838



44, 21.337, 309.132



25, 4.233, 289.916



14, 79.633, 305.752



0, 0.998, 288.989

Previews

White Background



This preview shows how the CIELCh color 54, 18.809, 106.521 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, 18.809, 106.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

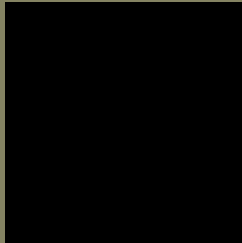
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 18.809, 106.521

Background



This preview shows how black text looks on a background with the CIELCh color 54, 18.809, 106.521.



This preview shows how white text looks on a background with the CIELCh color 54, 18.809, 106.521.

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

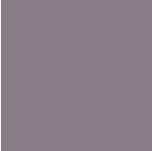
54, 18.809, 106.521

Protanopia

54, 18.710, 95.794

Deuteranopia

54, 18.796, 69.235



Tritanopia
54, 7.240, 327.414

Trichromacy



Original Color
54, 18.809, 106.521

Protanomaly
54, 19.008, 99.946

Deuteranomaly
54, 17.741, 83.438

Tritanomaly
54, 4.461, 69.997

Monochromacy



Original Color
54, 18.809, 106.521

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 6.910, 105.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 18.809, 106.521 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(132, 131, 98)` looks like.

```
.text, #text, p{  
    color:rgb(132, 131, 98)  
}
```

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(132, 131, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 131, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 18.809, 106.521 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(132, 131, 98) }
```

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

```
.border{ border-color:rgb(132, 131, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 131, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 131, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 131, 98);  
box-shadow:4px 4px 4px 4px rgb(132, 131,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 18.809, 106.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 131, 98) }
```

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

```
.background{ background-color: rgb(132,  
131, 98) }
```

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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