

Converting Colors

CIELCh(54, 4.433, 315.046)

Have a look what the booklet for
CIELCh(54, 4.433, 315.046) contains.

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Color

CIELCh(54, 3.821, 314.813)

Conversions

Conversions Part 1

Format	Color
Hex	848086
RGB	132, 128, 134
RGB Percent	52%, 50%, 53%
CMY	0.4833, 0.4990, 0.4755
CMYK	0.01, 0.04, 0.00, 0.48
HSL	280°, 2%, 51%
HSV	280°, 4%, 52%
XYZ	21.4504, 21.9746, 25.5752
YIQ	129.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

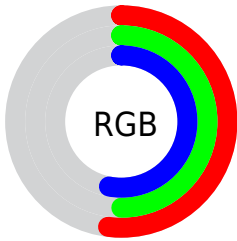
Format	Color
R_{YB}	132, 128, 134
Decimal	8683654
CIE _{Lab}	54.00, 2.69, -2.71
CIE _{LCh}	54, 3.821, 314.813
Yxy	21.9746, 0.3109, 0.3185
Android (android.graphics.Color)	4286873734 (0xFF848086)
YUV	129.8800, 2.0312, 1.8592
Hunter-Lab	46.8770, -0.3551, 0.4665

Details

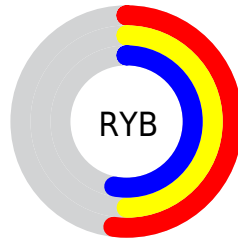
The CIELCh color **54, 3.821, 314.813** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **55, 3.793, 134.520**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 3.591, 314.754**, and **34, 3.589, 319.019** is the 20% darker color. If you saturate the color by 10%, you get **50, 12.465, 315.241**, and if you desaturate by 10%, it is **58, 4.626, 134.484**.

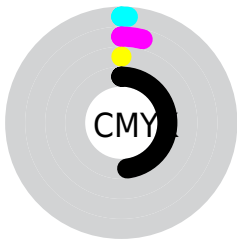
Distribution



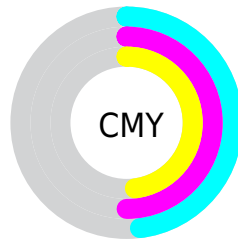
- Red (52%)
- Green (50%)
- Blue (53%)



- Red (52%)
- Yellow (50%)
- Blue (53%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (48%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 3.821, 314.813 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, 3.821, 314.813 by changing the saturation by 10% instead.

■ 54, 3.821, 314.813

■ 54, 3.821, 314.813

■ 100, 3.821,
314.813

■ 44, 3.821, 314.813

■ 74, 3.821, 314.813

■ 34, 3.821, 314.813

■ 84, 3.821, 314.813

■ 24, 3.821, 314.813

■ 94, 3.821, 314.813

■ 14, 3.821, 314.813

■ 4, 3.821, 314.813

■ 0, 3.821, 314.813

■ 54, 3.821, 314.813

■ 54, 3.821, 314.813

■ 50, 12.465,
315.241

■ 58, 4.626, 134.484

■ 62, 12.847,

46, 21.269,
315.669

134.108

42, 30.151,
316.096

66, 20.838,
133.776

38, 38.983,
316.503

70, 28.597,
133.475

35, 47.567,
316.860

74, 36.132,
133.205

31, 55.613,
317.126

79, 43.449,
132.963

28, 62.733,
317.247

83, 50.560,
132.747

26, 68.483,
317.157

87, 57.476,
132.556

24, 72.511,
316.802

91, 64.206,
132.387

Harmonies

Complementary

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



54, 3.821, 314.813



55, 3.793, 134.520

Rectangle

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



54, 3.821, 314.813



54, 3.821, 4.813



54, 3.821, 134.813



54, 3.821, 184.813

Sweetspot

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



54, 3.819, 314.809



70, 1.055, 314.560



54, 2.380, 270.394



37, 0.598, 314.547



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, 3.819, 314.809



68, 5.269, 314.838



54, 3.795, 329.042



27, 2.865, 314.855



22, 72.989, 316.621



0, 1.137, 314.662

Inverse Universe

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



54, 2.662, 353.948



68, 3.674, 354.021



55, 3.781, 148.639



27, 1.998, 354.062



27, 52.081, 16.220



0, 0.790, 353.679

Previews

White Background



This preview shows how the CIELCh color 54, 3.821, 314.813 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, 3.821, 314.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

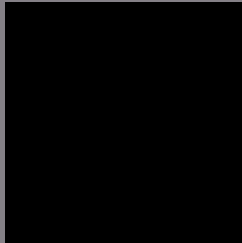
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

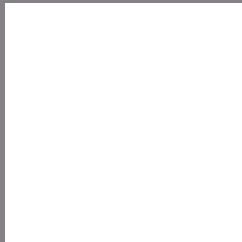
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 3.821, 314.813

Background



This preview shows how black text looks on a background with the CIELCh color 54, 3.821, 314.813.



This preview shows how white text looks on a background with the CIELCh color 54, 3.821, 314.813.

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, 3.821, 314.813

Protanopia

54, 3.563, 303.270

Deuteranopia

54, 7.619, 337.362



Tritanopia
54, 6.119, 309.366

Trichromacy



Original Color

54, 3.821, 314.813

Protanomaly

54, 3.673, 309.233

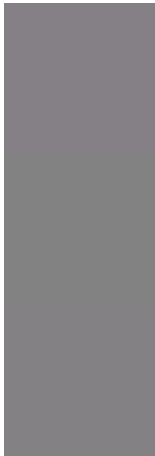
Deuteranomaly

54, 6.101, 330.930

Tritanomaly

54, 5.576, 311.237

Monochromacy



Original Color

54, 3.821, 314.813

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 1.410, 324.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 3.821, 314.813 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, 128, 134)` looks like.

```
.text, #text, p{  
    color:rgb(132, 128, 134)  
}
```

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, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 128, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 3.821, 314.813 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, 128, 134) }
```

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

```
.border{ border-color:rgb(132, 128, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 128, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 128, 134);  
box-shadow:4px 4px 4px 4px rgb(132, 128,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 3.821, 314.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 128, 134) }
```

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

```
.background{ background-color: rgb(132,  
128, 134) }
```

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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