

Converting Colors

CIELCh(54, 16.366, 298.700)

Have a look what the booklet for
CIELCh(54, 16.366, 298.700)
contains.

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Color

CIELCh(54, 16.309, 298.570)

Conversions

Conversions Part 1

Format	Color
Hex	837E9A
RGB	131, 126, 154
RGB Percent	51%, 49%, 60%
CMY	0.4874, 0.5070, 0.3972
CMYK	0.15, 0.18, 0.00, 0.40
HSL	251°, 12%, 55%
HSV	251°, 18%, 60%
XYZ	22.5481, 21.9746, 33.4961
YIQ	130.6870, -6.0080, 9.7680

Conversions

Conversions Part 2

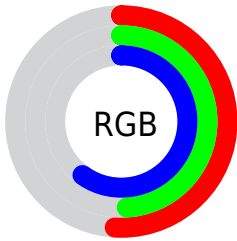
Format	Color
R_{YB}	131, 126, 154
Decimal	8617626
CIE Lab	54.00, 7.80, -14.32
CIE LCh	54, 16.309, 298.570
Yxy	21.9746, 0.2890, 0.2817
Android (android.graphics.Color)	4286807706 (0xFF837E9A)
YUV	130.6870, 11.4933, 0.2745
Hunter-Lab	46.8770, 3.8246, -9.5519

Details

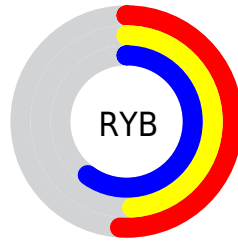
The CIELCh color $54, 16.309, 298.570$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $62, 15.691, 115.903$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 15.850, 298.009$, and $34, 16.442, 298.264$ is the 20% darker color. If you saturate the color by 10%, you get $49, 25.748, 299.509$, and if you desaturate by 10%, it is $59, 7.217, 297.750$.

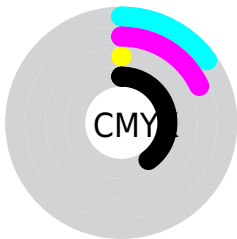
Distribution



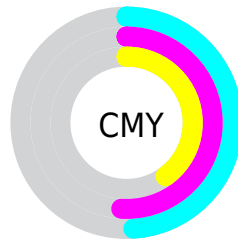
- Red (51%)
- Green (49%)
- Blue (60%)



- Red (51%)
- Yellow (49%)
- Blue (60%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (40%)





- Cyan (49%)
- Magenta (51%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 16.309, 298.570 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, 16.309, 298.570 by changing the saturation by 10% instead.


 54, 16.309,
298.570


 54, 16.309,
298.570


 100, 16.309,
298.570


 44, 16.309,
298.570


 74, 16.309,
298.570

 34, 16.309,
298.570

 84, 16.309,
298.570

 24, 16.309,
298.570

 94, 16.309,
298.570

 14, 16.309,
298.570

 4, 16.309, 298.570

 0, 16.309, 298.570

■ 54, 16.309,
298.570

■ 54, 16.309,
298.570

■ 49, 25.748,
299.509

■ 59, 7.217, 297.750

■ 44, 35.538,
300.578

■ 64, 1.536, 117.044

■ 38, 45.638,
301.773

■ 70, 9.972, 116.432

■ 33, 55.932,
303.064

■ 75, 18.108,
115.906

■ 29, 66.144,
304.385

■ 80, 25.965,
115.453

■ 24, 75.715,
305.604

■ 85, 33.562,
115.063


■ 21, 83.708,
306.524


■ 90, 40.914,
114.726

■ 19, 89.430,

■ 95, 48.037,
114.436

307.054

 97, 50.551,
111.082

 18, 90.429,
307.176

Harmonies

Complementary

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



54, 16.309, 298.570



62, 15.691, 115.903

Rectangle

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



54, 16.309, 298.570



54, 16.309, 348.570



54, 16.309, 118.570



54, 16.309, 168.570

Sweetspot

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



54, 16.308, 298.568



77, 5.396, 297.518



60, 8.866, 216.054



40, 3.675, 297.565



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 16.308, 298.568



66, 24.504, 298.950



55, 17.628, 315.414



30, 4.959, 297.828



16, 84.512, 307.228



0, 5.276, 297.045

Inverse Universe

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



56, 17.053, 330.872



69, 25.447, 331.139



61, 17.362, 133.889



30, 5.249, 330.307



31, 64.649, 336.646



1, 5.585, 330.246

Previews

White Background



This preview shows how the CIELCh color 54, 16.309, 298.570 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, 16.309, 298.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

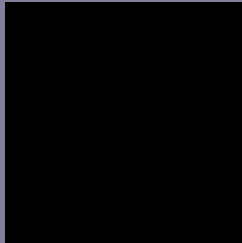
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 16.309, 298.570

Background



This preview shows how black text looks on a background with the CIELCh color 54, 16.309, 298.570.



This preview shows how white text looks on a background with the CIELCh color 54, 16.309, 298.570.

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, 16.309, 298.570

Protanopia

54, 15.634, 285.460

Deuteranopia

54, 16.269, 297.285



Tritanopia
54, 6.350, 290.962

Trichromacy



Original Color
54, 16.309, 298.570

Protanomaly
54, 16.160, 290.852

Deuteranomaly
54, 16.269, 297.285

Tritanomaly
54, 9.862, 295.768

Monochromacy



Original Color
54, 16.309, 298.570

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.407, 297.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 16.309, 298.570 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, 126, 154)` looks like.

```
.text, #text, p{  
    color:rgb(131, 126, 154)  
}
```

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, 126, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 126, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 16.309, 298.570 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, 126, 154) }
```

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

```
.border{ border-color:rgb(131, 126, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 126, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 126, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 126, 154);  
box-shadow:4px 4px 4px 4px rgb(131, 126,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 16.309, 298.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 126, 154) }
```

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

```
.background{ background-color: rgb(131,  
126, 154) }
```

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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