

Converting Colors

CIELCh(54, 38.373, 306.018)

Have a look what the booklet for
CIELCh(54, 38.373, 306.018)
contains.

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Color

CIELCh(54, 38.422, 306.031)

Conversions

Conversions Part 1

Format	Color
Hex	8D76B7
RGB	141, 118, 183
RGB Percent	55%, 46%, 72%
CMY	0.4478, 0.5379, 0.2831
CMYK	0.23, 0.36, 0.00, 0.28
HSL	261°, 31%, 59%
HSV	261°, 36%, 72%
XYZ	25.9399, 21.9746, 47.5724
YIQ	132.2870, -7.1570, 25.0910

Conversions

Conversions Part 2

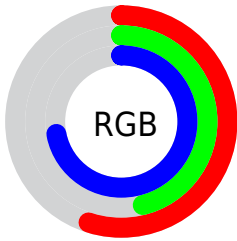
Format	Color
R_{YB}	141, 118, 183
Decimal	9270967
CIE _{Lab}	54.00, 22.60, -31.07
CIE _{LCh}	54, 38.422, 306.031
Yxy	21.9746, 0.2717, 0.2301
Android (android.graphics.Color)	4287461047 (0xFF8D76B7)
YUV	132.2870, 25.0015, 7.6413
Hunter-Lab	46.8770, 16.7402, -27.3555

Details

The CIELCh color $54, 38.422, 306.031$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $71, 35.935, 121.919$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 38.542, 306.358$, and $34, 38.844, 306.004$ is the 20% darker color. If you saturate the color by 10%, you get $48, 49.887, 306.795$, and if you desaturate by 10%, it is $60, 27.191, 305.318$.

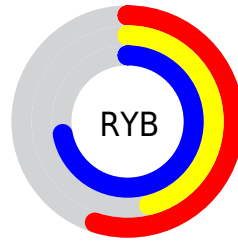
Distribution



Red (55%)

Green (46%)

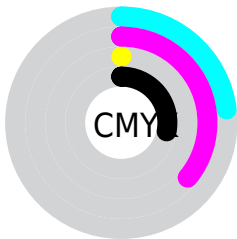
Blue (72%)



Red (55%)

Yellow (46%)

Blue (72%)

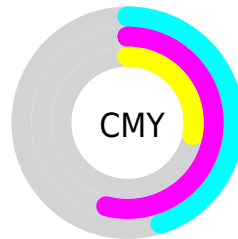


Cyan (23%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (45%)


Magenta (54%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 38.422, 306.031 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, 38.422, 306.031 by changing the saturation by 10% instead.


 54, 38.422,
306.031


 54, 38.422,
306.031


 100, 38.422,
306.031


 44, 38.422,
306.031


 74, 38.422,
306.031

 34, 38.422,
306.031

 84, 38.422,
306.031

 24, 38.422,
306.031

 94, 38.422,
306.031

 14, 38.422,
306.031

 4, 38.422, 306.031

 0, 38.422, 306.031

54, 38.422,
306.031

54, 38.422,
306.031

48, 49.887,
306.795

60, 27.191,
305.318

43, 61.417,
307.579

65, 16.279,
304.670

38, 72.682,
308.324

71, 5.715, 304.086

33, 83.110,
308.934

77, 4.496, 123.603

29, 91.844,
309.269

83, 14.362,
123.148


26, 97.925,
309.178

88, 23.898,
122.759

25, 100.151,
309.102

94, 33.121,
122.424

97, 37.105,
119.029

 98, 36.406,
112.155

Harmonies

Complementary

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



54, 38.422, 306.031



71, 35.935, 121.919

Rectangle

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



54, 38.422, 306.031



54, 38.422, 356.031



54, 38.422, 126.031



54, 38.422, 176.031

Sweetspot

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



54, 38.421, 306.031



86, 14.129, 304.409



64, 18.459, 242.298



45, 9.592, 304.488



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



54, 38.421, 306.031



63, 58.061, 306.652



57, 41.664, 321.890



36, 5.893, 304.302



21, 88.756, 309.228



1, 15.665, 300.422

Inverse Universe

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



58, 33.966, 339.335



69, 50.415, 340.110



69, 41.219, 138.235



36, 5.389, 337.174



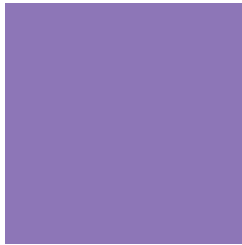
34, 61.967, 348.668



3, 13.465, 342.359

Previews

White Background



This preview shows how the CIE LCh color 54, 38.422, 306.031 looks on a white background.

Color Contrast Check

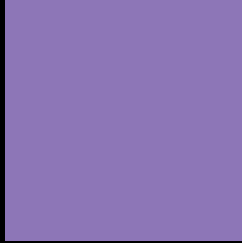
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.422, 306.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

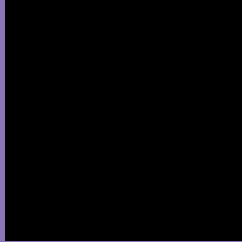
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 38.422, 306.031

Background



This preview shows how black text looks on a background with the CIELCh color 54, 38.422, 306.031.



This preview shows how white text looks on a background with the CIELCh color 54, 38.422, 306.031.

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, 38.422, 306.031

Protanopia

54, 36.502, 285.342

Deuteranopia

54, 30.793, 283.689



Tritanopia
54, 6.256, 312.758

Trichromacy



Original Color
54, 38.422, 306.031

Protanomaly
54, 36.321, 292.446

Deuteranomaly
54, 33.464, 293.018

Tritanomaly
54, 17.964, 306.515

Monochromacy



Original Color
54, 38.422, 306.031

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 13.642, 304.431

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 38.422, 306.031 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(141, 118, 183)` looks like.

```
.text, #text, p{  
    color:rgb(141, 118, 183)  
}
```

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(141, 118, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 118, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 38.422, 306.031 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(141, 118, 183) }
```

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

```
.border{ border-color:rgb(141, 118, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 118, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 118, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 118, 183);  
box-shadow:4px 4px 4px 4px rgb(141, 118,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 38.422, 306.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 118, 183) }
```

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

```
.background{ background-color: rgb(141,  
118, 183) }
```

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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