

Converting Colors

CIELCh(54, 48.823, 309.137)

Have a look what the booklet for
CIELCh(54, 48.823, 309.137)
contains.

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Color

CIELCh(54, 48.649, 308.846)

Conversions

Conversions Part 1

Format	Color
Hex	9471C3
RGB	148, 113, 195
RGB Percent	58%, 44%, 76%
CMY	0.4204, 0.5576, 0.2361
CMYK	0.24, 0.42, 0.00, 0.24
HSL	266°, 41%, 60%
HSV	266°, 42%, 76%
XYZ	27.8854, 21.9746, 54.2761
YIQ	132.8130, -5.4620, 32.9220

Conversions

Conversions Part 2

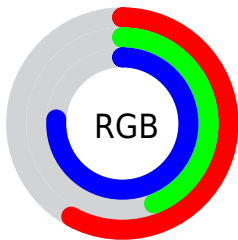
Format	Color
R_{YB}	148, 113, 195
Decimal	9728451
CIE _{Lab}	54.00, 30.51, -37.89
CIE _{LCh}	54, 48.649, 308.846
Yxy	21.9746, 0.2678, 0.2110
Android (android.graphics.Color)	4287918531 (0xFF9471C3)
YUV	132.8130, 30.6582, 13.3190
Hunter-Lab	46.8770, 24.1483, -35.8344

Details

The CIELCh color $54, 48.649, 308.846$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $75, 45.285, 124.414$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 48.923, 309.102$, and $34, 48.863, 308.844$ is the 20% darker color. If you saturate the color by 10%, you get $48, 60.690, 309.487$, and if you desaturate by 10%, it is $60, 36.652, 308.212$.

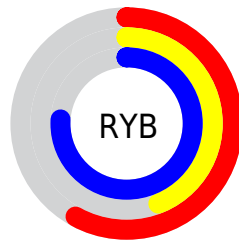
Distribution



Red (58%)

Green (44%)

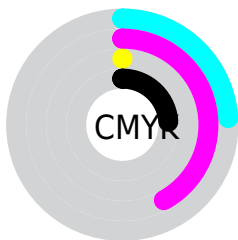
Blue (76%)



Red (58%)

Yellow (44%)

Blue (76%)

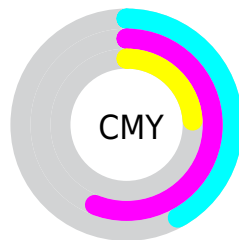


Cyan (24%)

Magenta (42%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (56%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 48.649, 308.846 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, 48.649, 308.846 by changing the saturation by 10% instead.

 54, 48.649,
308.846

 54, 48.649,
308.846

 100, 48.649,
308.846

 44, 48.649,
308.846

 74, 48.649,
308.846

 34, 48.649,
308.846

 84, 48.649,
308.846

 24, 48.649,
308.846

 94, 48.649,
308.846

 14, 48.649,
308.846

 4, 48.649, 308.846

 0, 48.649, 308.846

54, 48.649,
308.846

54, 48.649,
308.846

48, 60.690,
309.487

60, 36.652,
308.212

43, 72.464,
310.083

66, 24.877,
307.611

38, 83.444,
310.557

72, 13.409,
307.057

34, 92.853,
310.793

77, 2.285, 306.527

31, 99.772,
310.656

83, 8.485, 126.136

29, 103.532,
310.322

89, 18.905,
125.741

95, 28.987,
125.399

97, 31.144,
120.297

 98, 30.458,
112.648

Harmonies

Complementary

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



54, 48.649, 308.846



75, 45.285, 124.414

Rectangle

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



54, 48.649, 308.846



54, 48.649, 358.846



54, 48.649, 128.846



54, 48.649, 178.846

Sweetspot

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



54, 48.648, 308.846



90, 17.834, 307.116



64, 23.676, 252.676



47, 12.624, 307.238



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 48.648, 308.846



62, 73.338, 309.468



58, 52.454, 324.188



38, 6.238, 306.914



23, 89.603, 310.478



2, 19.993, 302.883

Inverse Universe

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



58, 40.237, 343.717



69, 59.354, 344.901



72, 52.208, 139.365



38, 5.353, 340.587



35, 61.292, 354.843



3, 16.557, 347.896

Previews

White Background



This preview shows how the CIELCh color 54, 48.649, 308.846 looks on a white background.

Color Contrast Check

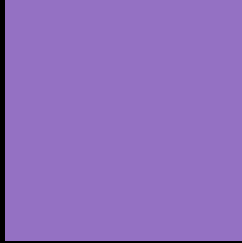
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.649, 308.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

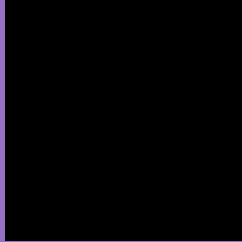
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 48.649, 308.846

Background



This preview shows how black text looks on a background with the CIELCh color 54, 48.649, 308.846.



This preview shows how white text looks on a background with the CIELCh color 54, 48.649, 308.846.

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](#).

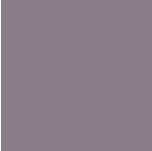
Dichromacy



Original Color
54, 48.649, 308.846

Protanopia
54, 46.287, 285.569

Deuteranopia
54, 37.292, 282.579



Tritanopia
54, 7.240, 327.414

Trichromacy



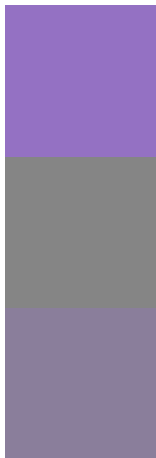
Original Color
54, 48.649, 308.846

Protanomaly
54, 46.643, 293.402

Deuteranomaly
54, 40.966, 293.679

Tritanomaly
54, 22.169, 311.988

Monochromacy



Original Color
54, 48.649, 308.846

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 17.362, 306.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 48.649, 308.846 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(148, 113, 195)` looks like.

```
.text, #text, p{  
    color:rgb(148, 113, 195)  
}
```

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(148, 113, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 113, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 48.649, 308.846 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(148, 113, 195) }
```

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

```
.border{ border-color:rgb(148, 113, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 113, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 113, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 113, 195);  
box-shadow:4px 4px 4px 4px rgb(148, 113,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 48.649, 308.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 113, 195) }
```

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

```
.background{ background-color: rgb(148,  
113, 195) }
```

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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