

Converting Colors

CIELCh(54, 48.996, 305.885)

Have a look what the booklet for
CIELCh(54, 48.996, 305.885)
contains.

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Color

CIELCh(54, 49.337, 305.929)

Conversions

Conversions Part 1

Format	Color
Hex	8E72C6
RGB	142, 114, 198
RGB Percent	56%, 45%, 78%
CMY	0.4419, 0.5518, 0.2222
CMYK	0.28, 0.42, 0.00, 0.22
HSL	260°, 43%, 61%
HSV	260°, 42%, 78%
XYZ	27.4935, 21.9746, 56.4198
YIQ	131.9480, -10.2760, 32.0600

Conversions

Conversions Part 2

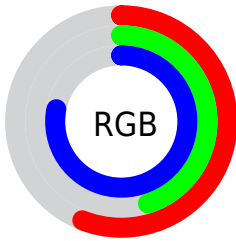
Format	Color
RYB	142, 114, 198
Decimal	9335494
CIELab	54.00, 28.95, -39.95
CIELCh	54, 49.337, 305.929
Yxy	21.9746, 0.2596, 0.2075
Android (android.graphics.Color)	4287525574 (0xFF8E72C6)
YUV	131.9480, 32.5636, 8.8156
Hunter-Lab	46.8770, 22.6558, -38.5457

Details

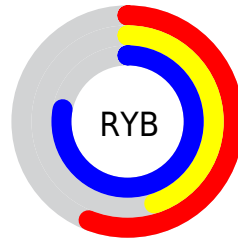
The CIELCh color $54, 49.337, 305.929$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $76, 45.295, 120.745$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 49.412, 305.857$, and $34, 49.800, 306.015$ is the 20% darker color. If you saturate the color by 10%, you get $48, 61.694, 306.763$, and if you desaturate by 10%, it is $60, 37.140, 305.136$.

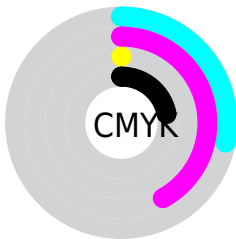
Distribution



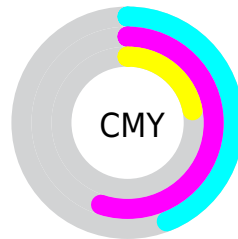
- Red (56%)
- Green (45%)
- Blue (78%)



- Red (56%)
- Yellow (45%)
- Blue (78%)



- Cyan (28%)
- Magenta (42%)
- Yellow (0%)
- Black (22%)



- Cyan (44%)
- Magenta (55%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 49.337, 305.929 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, 49.337, 305.929 by changing the saturation by 10% instead.


 54, 49.337,
305.929

 54, 49.337,
305.929


 100, 49.337,
305.929


 44, 49.337,
305.929


 74, 49.337,
305.929

 34, 49.337,
305.929

 84, 49.337,
305.929

 24, 49.337,
305.929

 94, 49.337,
305.929

 14, 49.337,
305.929

 4, 49.337, 305.929

 0, 49.337, 305.929

54, 49.337,
305.929

54, 49.337,
305.929

48, 61.694,
306.763

60, 37.140,
305.136

42, 73.926,
307.586

66, 25.250,
304.408

37, 85.498,
308.313

72, 13.728,
303.753

33, 95.555,
308.807

79, 2.590, 303.156

29, 102.999,
308.901

85, 8.165, 122.681

27, 106.898,
308.741

91, 18.552,
122.236

97, 28.588,
121.853

98, 28.707,
113.211

■ 99, 28.566,
108.007

Harmonies

Complementary

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



54, 49.337, 305.929



76, 45.295, 120.745

Rectangle

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



54, 49.337, 305.929



54, 49.337, 355.929



54, 49.337, 125.929



54, 49.337, 175.929

Sweetspot

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



54, 49.336, 305.929



90, 17.720, 303.804



67, 22.866, 241.301



47, 12.446, 303.946



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, 49.336, 305.929



62, 73.638, 306.711



58, 52.691, 321.670



39, 6.277, 303.571



22, 92.339, 308.878



2, 21.874, 300.523

Inverse Universe

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



59, 43.588, 339.024



70, 63.331, 339.953



74, 51.975, 137.299



39, 5.842, 336.294



36, 64.885, 347.186



4, 20.002, 342.644

Previews

White Background



This preview shows how the CIELCh color 54, 49.337, 305.929 looks on a white background.

Color Contrast Check

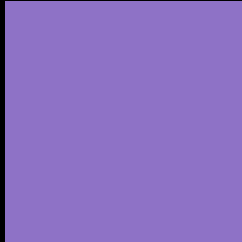
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.337, 305.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

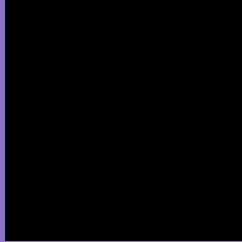
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 49.337, 305.929

Background



This preview shows how black text looks on a background with the CIELCh color 54, 49.337, 305.929.

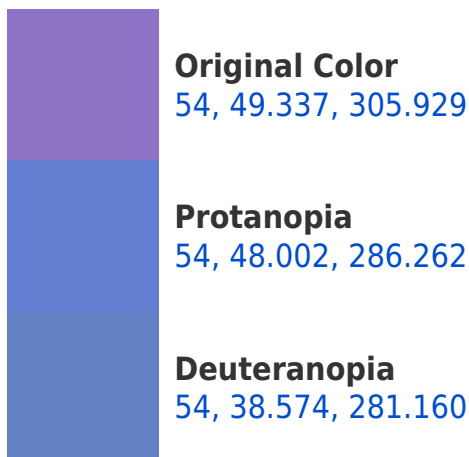


This preview shows how white text looks on a background with the CIELCh color 54, 49.337, 305.929.

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





Tritanopia
54, 5.903, 302.205

Trichromacy



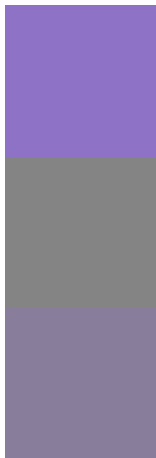
Original Color
54, 49.337, 305.929

Protanomaly
54, 47.801, 292.587

Deuteranomaly
54, 41.493, 290.859

Tritanomaly
54, 21.905, 304.118

Monochromacy



Original Color
54, 49.337, 305.929

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 17.747, 304.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 49.337, 305.929 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(142, 114, 198)` looks like.

```
.text, #text, p{  
    color:rgb(142, 114, 198)  
}
```

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(142, 114, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 114, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 49.337, 305.929 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(142, 114, 198) }
```

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

```
.border{ border-color:rgb(142, 114, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 114, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 114, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 114, 198);  
box-shadow:4px 4px 4px 4px rgb(142, 114,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 49.337, 305.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 114, 198) }
```

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

```
.background{ background-color: rgb(142,  
114, 198) }
```

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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