

Converting Colors

CIELCh(54, 39.719, 304.543)

Have a look what the booklet for
CIELCh(54, 39.719, 304.543)
contains.

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Color

CIELCh(54, 39.977, 304.649)

Conversions

Conversions Part 1	
Format	Color
Hex	8B76BA
RGB	139, 118, 186
RGB Percent	55%, 46%, 73%
CMY	0.4551, 0.5374, 0.2708
CMYK	0.25, 0.37, 0.00, 0.27
HSL	259°, 33%, 60%
HSV	259°, 37%, 73%
XYZ	25.9707, 21.9746, 49.3000
YIQ	132.0310, -9.3120, 25.6000

Conversions

Conversions Part 2

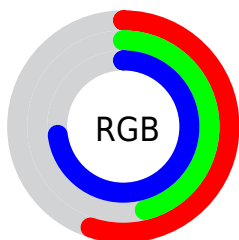
Format	Color
RYB	139, 118, 186
Decimal	9139898
CIELab	54.00, 22.73, -32.89
CIELCh	54, 39.977, 304.649
Yxy	21.9746, 0.2671, 0.2260
Android (android.graphics.Color)	4287329978 (0xFF8B76BA)
YUV	132.0310, 26.6067, 6.1118
Hunter-Lab	46.8770, 16.8573, -29.5406

Details

The CIELCh color **54, 39.977, 304.649** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **72, 37.124, 120.061**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 39.982, 304.961**, and **34, 39.965, 304.800** is the 20% darker color. If you saturate the color by 10%, you get **48, 51.650, 305.512**, and if you desaturate by 10%, it is **60, 28.572, 303.853**.

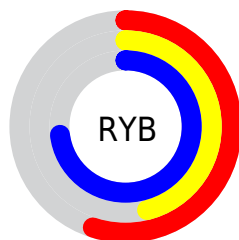
Distribution



Red (55%)

Green (46%)

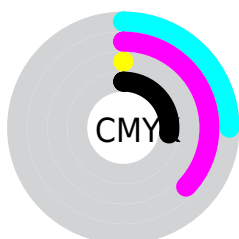
Blue (73%)



Red (55%)

Yellow (46%)

Blue (73%)

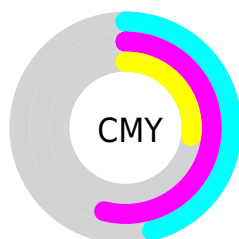


Cyan (25%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 39.977, 304.649 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, 39.977, 304.649 by changing the saturation by 10% instead.

 54, 39.977,
304.649

 54, 39.977,
304.649


 100, 39.977,
304.649

 44, 39.977,
304.649


 74, 39.977,
304.649

 34, 39.977,
304.649

 84, 39.977,
304.649

 24, 39.977,
304.649

 94, 39.977,
304.649

 14, 39.977,
304.649

 4, 39.977, 304.649

 0, 39.977, 304.649

54, 39.977,
304.649

54, 39.977,
304.649

48, 51.650,
305.512

60, 28.572,
303.853

43, 63.421,
306.410

66, 17.513,
303.136

37, 74.947,
307.279

72, 6.824, 302.498

78, 3.494, 121.964

33, 85.609,
308.013

83, 13.455,
121.470

29, 94.462,
308.455


89, 23.074,
121.050

26, 100.507,
308.450

95, 32.373,
120.687

25, 102.277,
308.438

98, 35.121,
115.764

 99, 34.714,
107.767

Harmonies

Complementary

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



54, 39.977, 304.649



72, 37.124, 120.061

Rectangle

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



54, 39.977, 304.649



54, 39.977, 354.649



54, 39.977, 124.649



54, 39.977, 174.649

Sweetspot

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



54, 39.976, 304.649



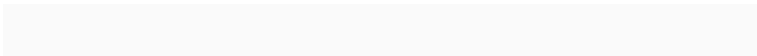
88, 14.284, 302.784



65, 18.897, 235.461



46, 9.698, 302.871



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



54, 39.976, 304.649



64, 60.355, 305.349



57, 42.981, 320.405



36, 5.855, 302.668



20, 89.489, 308.566



1, 15.603, 299.159

Inverse Universe

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



58, 36.482, 337.358



70, 53.964, 338.072



70, 42.303, 136.826



36, 5.565, 335.246



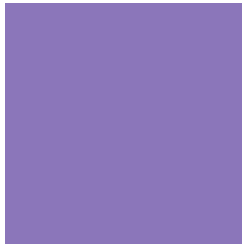
34, 63.619, 345.238



3, 13.960, 339.813

Previews

White Background



This preview shows how the CIELCh color 54, 39.977, 304.649 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, 39.977, 304.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

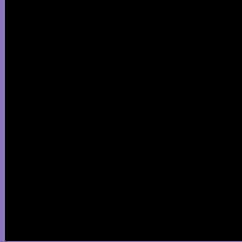
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 39.977, 304.649

Background



This preview shows how black text looks on a background with the CIELCh color 54, 39.977, 304.649.



This preview shows how white text looks on a background with the CIELCh color 54, 39.977, 304.649.

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, 39.977, 304.649

Protanopia

54, 38.247, 285.199

Deuteranopia

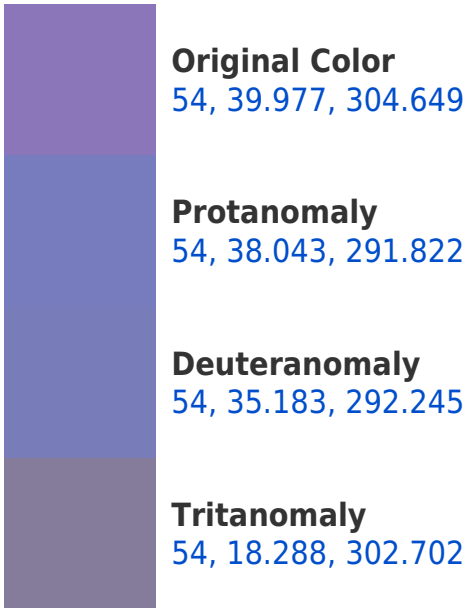
54, 32.552, 283.481



Tritanopia

54, 5.835, 298.483

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 39.977, 304.649 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(139, 118, 186)` looks like.

```
.text, #text, p{  
    color:rgb(139, 118, 186)  
}
```

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(139, 118, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 118, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 39.977, 304.649 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(139, 118, 186) }
```

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

```
.border{ border-color:rgb(139, 118, 186) }
```

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

Here you see how a box with a 4 pixel rgb(139, 118, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 118, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 118, 186);  
box-shadow:4px 4px 4px 4px rgb(139, 118,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 39.977, 304.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 118, 186) }
```

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

```
.background{ background-color: rgb(139,  
118, 186) }
```

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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