

Converting Colors

CIELCh(54, 39.325, 304.242)

Have a look what the booklet for
CIELCh(54, 39.325, 304.242)
contains.

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Color

CIELCh(54, 39.374, 304.284)

Conversions

Conversions Part 1

Format	Color
Hex	8A76B9
RGB	138, 118, 185
RGB Percent	54%, 46%, 73%
CMY	0.4576, 0.5361, 0.2732
CMYK	0.25, 0.36, 0.00, 0.27
HSL	258°, 32%, 60%
HSV	258°, 36%, 73%
XYZ	25.8389, 21.9746, 48.9597
YIQ	131.6180, -9.5870, 25.0770

Conversions

Conversions Part 2

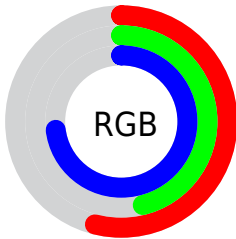
Format	Color
R _Y B	138, 118, 185
Decimal	9074361
CIE _{Lab}	54.00, 22.18, -32.53
CIE _{LCh}	54, 39.374, 304.284
Y _{xy}	21.9746, 0.2670, 0.2271
Android (android.graphics.Color)	4287264441 (0xFF8A76B9)
Y _{UV}	131.6180, 26.3173, 5.5970
Hunter-Lab	46.8770, 16.3556, -29.1103

Details

The CIELCh color $54, 39.374, 304.284$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $72, 36.562, 119.669$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 39.399, 304.622$, and $34, 39.937, 304.324$ is the 20% darker color. If you saturate the color by 10%, you get $48, 51.013, 305.167$, and if you desaturate by 10%, it is $60, 28.016, 303.473$.

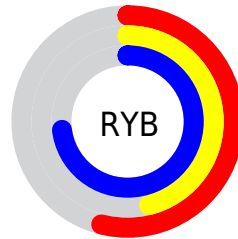
Distribution



Red (54%)

Green (46%)

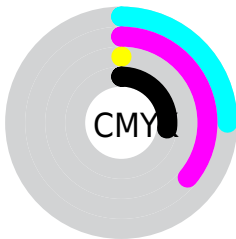
Blue (73%)



Red (54%)

Yellow (46%)

Blue (73%)

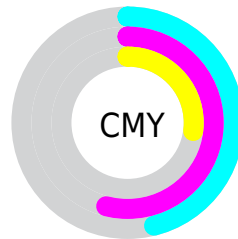


Cyan (25%)

Magenta (36%)

Yellow (0%)

Black (27%)



Cyan (46%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 39.374, 304.284 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, 39.374, 304.284 by changing the saturation by 10% instead.

 54, 39.374,
304.284

 54, 39.374,
304.284

 100, 39.374,
304.284

 44, 39.374,
304.284

 74, 39.374,
304.284

 34, 39.374,
304.284

 84, 39.374,
304.284

 24, 39.374,
304.284

 94, 39.374,
304.284

 14, 39.374,
304.284

 4, 39.374, 304.284

 0, 39.374, 304.284

54, 39.374,
304.284

54, 39.374,
304.284

48, 51.013,
305.167

60, 28.016,
303.473

43, 62.773,
306.091

66, 17.010,
302.745

37, 74.322,
306.996

72, 6.379, 302.098

33, 85.057,
307.774

78, 3.882, 121.555

29, 94.038,
308.266

83, 13.785,
121.058


26, 100.216,
308.309

89, 23.349,
120.634

25, 102.198,
308.306

95, 32.592,
120.269

98, 35.396,
115.356

 99, 35.021,
107.510

Harmonies

Complementary

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



54, 39.374, 304.284



72, 36.562, 119.669

Rectangle

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



54, 39.374, 304.284



54, 39.374, 354.284



54, 39.374, 124.284



54, 39.374, 174.284

Sweetspot

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



54, 39.373, 304.284



87, 14.143, 302.413



66, 18.627, 233.030



45, 9.519, 302.500



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, 39.373, 304.284



64, 58.361, 304.944



57, 42.252, 319.873



36, 5.847, 302.295



20, 89.647, 308.429



1, 15.590, 298.872

Inverse Universe

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



58, 36.241, 336.874



70, 52.716, 337.515



70, 41.520, 136.392



36, 5.605, 334.826



34, 64.028, 344.497



3, 14.080, 339.243

Previews

White Background



This preview shows how the CIELCh color 54, 39.374, 304.284 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, 39.374, 304.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

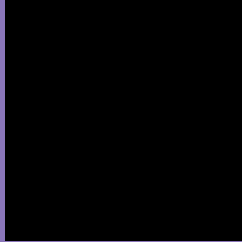
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 39.374, 304.284

Background



This preview shows how black text looks on a background with the CIELCh color 54, 39.374, 304.284.



This preview shows how white text looks on a background with the CIELCh color 54, 39.374, 304.284.

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, 39.374, 304.284

Protanopia

54, 37.654, 285.380

Deuteranopia

54, 31.995, 283.193



Tritanopia
54, 5.792, 294.702

Trichromacy



Original Color
54, 39.374, 304.284

Protanomaly
54, 38.043, 291.822

Deuteranomaly
54, 34.614, 292.142

Tritanomaly
54, 18.224, 301.560

Monochromacy



Original Color
54, 39.374, 304.284

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 14.127, 302.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 39.374, 304.284 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(138, 118, 185)` looks like.

```
.text, #text, p{  
    color:rgb(138, 118, 185)  
}
```

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(138, 118, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 118, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 39.374, 304.284 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(138, 118, 185) }
```

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

```
.border{ border-color:rgb(138, 118, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 118, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 118, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 118, 185);  
box-shadow:4px 4px 4px 4px rgb(138, 118,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 39.374, 304.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 118, 185) }
```

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

```
.background{ background-color: rgb(138,  
118, 185) }
```

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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