

Converting Colors

CIELCh(39, 42.530, 54.372)

Have a look what the booklet for
CIELCh(39, 42.530, 54.372) contains.

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Color

CIELCh(39, 42.271, 54.124)

Conversions

Conversions Part 1

Format	Color
Hex	8C4A24
RGB	140, 74, 36
RGB Percent	55%, 29%, 14%
CMY	0.4499, 0.7088, 0.8579
CMYK	0.00, 0.47, 0.74, 0.45
HSL	22°, 59%, 35%
HSV	22°, 74%, 55%
XYZ	13.6503, 10.6589, 3.0253
YIQ	89.4020, 51.5340, 2.1740

Conversions

Conversions Part 2

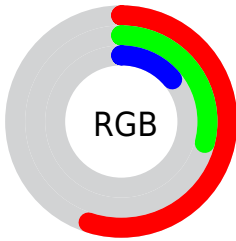
Format	Color
R_{YB}	140, 96, 36
Decimal	9194020
CIE _{Lab}	39.00, 24.77, 34.25
CIE _{LCh}	39, 42.271, 54.124
Yxy	10.6589, 0.4994, 0.3899
Android (android.graphics.Color)	4287384100 (0xFF8C4A24)
YUV	89.4020, -26.3272, 44.3744
Hunter-Lab	32.6480, 17.4976, 17.3595

Details

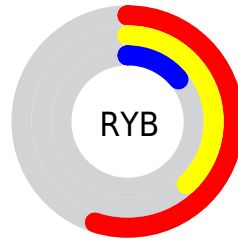
The CIELCh color **39, 42.271, 54.124** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **41, 27.918, 254.706**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 42.199, 54.178**, and **19, 37.883, 48.519** is the 20% darker color. If you saturate the color by 10%, you get **37, 48.789, 53.370**, and if you desaturate by 10%, it is **41, 35.617, 54.746**.

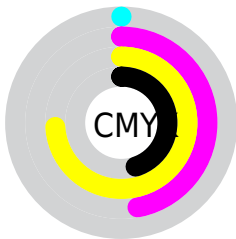
Distribution



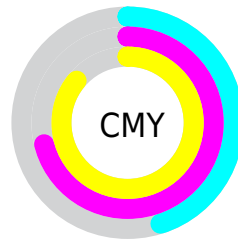
- Red (55%)
- Green (29%)
- Blue (14%)



- Red (55%)
- Yellow (38%)
- Blue (14%)



- Cyan (0%)
- Magenta (47%)
- Yellow (74%)
- Black (45%)



- Cyan (45%)
- Magenta (71%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 42.271, 54.124 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 39, 42.271, 54.124 by changing the saturation by 10% instead.

■ 39, 42.271, 54.124

■ 39, 42.271, 54.124

■ 100, 42.271,
54.124

■ 29, 42.271, 54.124

■ 59, 42.271, 54.124

■ 19, 42.271, 54.124

■ 69, 42.271, 54.124

■ 9, 42.271, 54.124

■ 79, 42.271, 54.124

■ 0, 42.271, 54.124

■ 89, 42.271, 54.124

■ 99, 42.271, 54.124

■ 39, 42.271, 54.124

■ 39, 42.271, 54.124

■ 37, 48.789, 53.370

■ 41, 35.617, 54.746

35, 54.571, 52.189

44, 29.143, 55.366

34, 58.015, 51.792

46, 22.982, 56.037

49, 17.183, 56.770

52, 11.749, 57.555

54, 6.663, 58.372

57, 1.898, 59.106

60, 2.578, 240.321

63, 6.795, 241.125

Harmonies

Complementary

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



39, 42.271, 54.124



41, 27.918, 254.706

Rectangle

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



39, 42.271, 54.124



39, 42.271, 104.124



39, 42.271, 234.124



39, 42.271, 284.124

Sweetspot

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



39, 42.270, 54.127



67, 13.242, 57.692



34, 51.890, 343.372



34, 8.936, 57.504



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



39, 42.270, 54.127



47, 64.390, 52.631



52, 47.931, 95.117



29, 2.649, 58.771



33, 56.347, 51.884



1, 1.744, 59.656

Inverse Universe

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



41, 27.918, 254.706



49, 39.457, 261.847



26, 57.172, 296.970



29, 2.546, 240.638



35, 33.720, 265.828



1, 1.744, 239.673

Previews

White Background



This preview shows how the CIELCh color 39, 42.271, 54.124 looks on a white 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

Black Background



This preview shows how the CIELCh color 39, 42.271, 54.124 looks on a black 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

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

CIELCh 39, 42.271, 54.124

Background



This preview shows how black text looks on a background with the CIELCh color 39, 42.271, 54.124.



This preview shows how white text looks on a background with the CIELCh color 39, 42.271, 54.124.

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

39, 42.271, 54.124

Protanopia

39, 30.478, 96.093

Deuteranopia

39, 36.072, 81.667



Tritanopia
39, 32.919, 19.913

Trichromacy



Original Color
39, 42.271, 54.124

Protanomaly
39, 32.094, 76.585

Deuteranomaly
39, 37.003, 70.063

Tritanomaly
39, 34.378, 35.250

Monochromacy



Original Color
39, 42.271, 54.124

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 14.277, 57.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 42.271, 54.124 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(140, 74, 36)` looks like.

```
.text, #text, p{  
    color:rgb(140, 74, 36)  
}
```

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(140, 74, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 74, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 42.271, 54.124 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(140, 74, 36) }
```

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

```
.border{ border-color:rgb(140, 74, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 74, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 74, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 74, 36);  
box-shadow:4px 4px 4px 4px rgb(140, 74,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 42.271, 54.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 74, 36) }
```

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

```
.background{ background-color: rgb(140, 74,  
36) }
```

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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