

Converting Colors

CIELCh(39, 47.655, 63.186)

Have a look what the booklet for
CIELCh(39, 47.655, 63.186) contains.

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Color

CIELCh(39, 47.856, 63.381)

Conversions

Conversions Part 1

Format	Color
Hex	8A4D12
RGB	138, 77, 18
RGB Percent	54%, 30%, 7%
CMY	0.4607, 0.6996, 0.9311
CMYK	0.00, 0.44, 0.87, 0.46
HSL	30°, 77%, 30%
HSV	30°, 87%, 54%
XYZ	13.1361, 10.6589, 1.9186
YIQ	88.5130, 55.2950, -5.4170

Conversions

Conversions Part 2

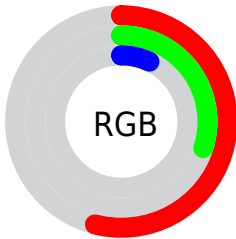
Format	Color
RYB	138, 134, 18
Decimal	9063698
CIELab	39.00, 21.44, 42.78
CIElCh	39, 47.856, 63.381
Yxy	10.6589, 0.5109, 0.4145
Android (android.graphics.Color)	4287253778 (0xFF8A4D12)
YUV	88.5130, -34.7629, 43.4001
Hunter-Lab	32.6480, 14.6862, 19.3694

Details

The CIELCh color **39, 47.856, 63.381** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **33, 38.376, 276.670**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 47.790, 63.075**, and **19, 35.767, 52.953** is the 20% darker color. If you saturate the color by 10%, you get **37, 52.387, 61.362**, and if you desaturate by 10%, it is **41, 42.466, 65.045**.

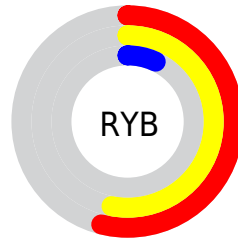
Distribution



Red (54%)

Green (30%)

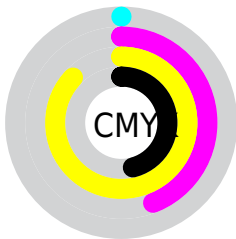
Blue (7%)



Red (54%)

Yellow (53%)

Blue (7%)

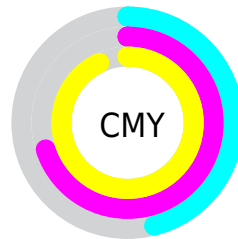


Cyan (0%)

Magenta (44%)

Yellow (87%)

Black (46%)



Cyan (46%)

Magenta (70%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 47.856, 63.381 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, 47.856, 63.381 by changing the saturation by 10% instead.

■ 39, 47.856, 63.381

■ 39, 47.856, 63.381

■ 100, 47.856,
63.381

■ 29, 47.856, 63.381

■ 59, 47.856, 63.381

■ 19, 47.856, 63.381

■ 69, 47.856, 63.381

■ 9, 47.856, 63.381

■ 79, 47.856, 63.381

■ 0, 47.856, 63.381

■ 89, 47.856, 63.381

■ 99, 47.856, 63.381

■ 39, 47.856, 63.381

■ 39, 47.856, 63.381

■ 37, 52.387, 61.362

■ 41, 42.466, 65.045

37, 53.769, 60.943

43, 36.574, 66.430

45, 30.582, 67.698

47, 24.701, 68.922

49, 19.024, 70.131

51, 13.589, 71.331

53, 8.398, 72.516

56, 3.442, 73.650

58, 1.297, 255.112

Harmonies

Complementary

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



39, 47.856, 63.381



33, 38.376, 276.670

Rectangle

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



39, 47.856, 63.381



39, 47.856, 113.381



39, 47.856, 243.381



39, 47.856, 293.381

Sweetspot

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



39, 47.855, 63.384



65, 16.027, 71.411



30, 51.795, 355.257



33, 10.898, 71.057



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



39, 47.855, 63.384



48, 65.402, 60.059



55, 57.400, 102.275



28, 2.701, 73.441



36, 52.329, 61.084



1, 1.233, 74.568

Inverse Universe

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



33, 38.376, 276.670



39, 54.272, 283.173



18, 76.257, 304.300



28, 2.644, 255.776



29, 42.594, 281.922



1, 1.233, 254.581

Previews

White Background



This preview shows how the CIELCh color 39, 47.856, 63.381 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, 47.856, 63.381 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, 47.856, 63.381

Background



This preview shows how black text looks on a background with the CIELCh color 39, 47.856, 63.381.



This preview shows how white text looks on a background with the CIELCh color 39, 47.856, 63.381.

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, 47.856, 63.381

Protanopia

39, 39.982, 95.921

Deuteranopia

39, 44.814, 83.895



Tritanopia
39, 31.425, 18.297

Trichromacy



Original Color
39, 47.856, 63.381

Protanomaly
39, 40.970, 82.677

Deuteranomaly
39, 45.172, 76.390

Tritanomaly
39, 34.970, 41.538

Monochromacy



Original Color
39, 47.856, 63.381

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 17.307, 70.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 47.856, 63.381 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, 77, 18)` looks like.

```
.text, #text, p{  
    color:rgb(138, 77, 18)  
}
```

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, 77, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 77, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 47.856, 63.381 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, 77, 18) }
```

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

```
.border{ border-color:rgb(138, 77, 18) }
```

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

Here you see how a box with a 4 pixel rgb(138, 77, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 77, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 77, 18);  
box-shadow:4px 4px 4px 4px rgb(138, 77,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 47.856, 63.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 77, 18) }
```

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

```
.background{ background-color: rgb(138, 77,  
18) }
```

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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