

Converting Colors

CIELCh(39, 44.126, 16.404)

Have a look what the booklet for
CIELCh(39, 44.126, 16.404) contains.

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Color

CIELCh(39, 44.253, 16.189)

Conversions

Conversions Part 1

Format	Color
Hex	9D3A4A
RGB	157, 58, 74
RGB Percent	62%, 23%, 29%
CMY	0.3849, 0.7730, 0.7103
CMYK	0.00, 0.63, 0.53, 0.38
HSL	350°, 46%, 42%
HSV	350°, 63%, 62%
XYZ	16.6145, 10.6589, 7.6395
YIQ	89.4250, 53.8680, 25.9640

Conversions

Conversions Part 2

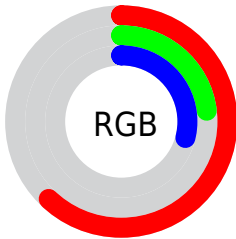
Format	Color
RYB	157, 58, 74
Decimal	10304074
CIELab	39.00, 42.50, 12.34
CIElCh	39, 44.253, 16.189
Yxy	10.6589, 0.4759, 0.3053
Android (android.graphics.Color)	4288494154 (0xFF9D3A4A)
YUV	89.4250, -7.6045, 59.2633
Hunter-Lab	32.6480, 33.7041, 8.9800

Details

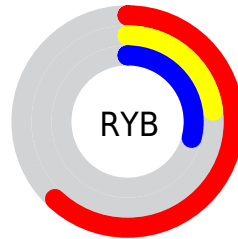
The CIELCh color **39, 44.253, 16.189** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **59, 32.571, 180.211**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 44.084, 16.480**, and **19, 43.606, 16.925** is the 20% darker color. If you saturate the color by 10%, you get **36, 50.995, 19.477**, and if you desaturate by 10%, it is **42, 37.059, 13.581**.

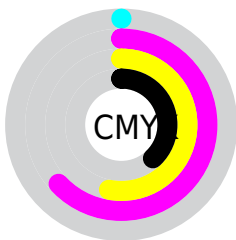
Distribution



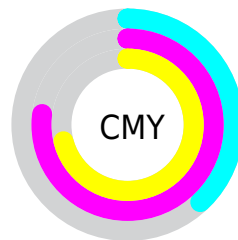
- Red (62%)
- Green (23%)
- Blue (29%)



- Red (62%)
- Yellow (23%)
- Blue (29%)



- Cyan (0%)
- Magenta (63%)
- Yellow (53%)
- Black (38%)



- Cyan (38%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 44.253, 16.189 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, 44.253, 16.189 by changing the saturation by 10% instead.

■ 39, 44.253, 16.189

■ 39, 44.253, 16.189

■ 100, 44.253,
16.189

■ 29, 44.253, 16.189

■ 59, 44.253, 16.189

■ 19, 44.253, 16.189

■ 69, 44.253, 16.189

■ 9, 44.253, 16.189

■ 79, 44.253, 16.189

■ 0, 44.253, 16.189

■ 89, 44.253, 16.189

■ 99, 44.253, 16.189

■ 39, 44.253, 16.189

■ 39, 44.253, 16.189

■ 36, 50.995, 19.477

■ 42, 37.059, 13.581

34, 57.073, 23.529

46, 29.681, 11.510

33, 62.382, 28.270

50, 22.348, 9.850

32, 65.839, 31.467

54, 15.223, 8.496

59, 8.404, 7.360

63, 1.936, 6.251

68, 4.169, 185.780

73, 9.923, 185.026

77, 15.349,
184.402

Harmonies

Complementary

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



39, 44.253, 16.189



59, 32.571, 180.211

Rectangle

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



39, 44.253, 16.189



39, 44.253, 66.189



39, 44.253, 196.189



39, 44.253, 246.189

Sweetspot

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



39, 44.251, 16.191



71, 15.355, 8.050



40, 62.709, 322.284



36, 10.618, 8.365



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



39, 44.251, 16.191



46, 65.305, 21.151



46, 38.664, 51.833



31, 3.610, 6.959



29, 61.199, 31.002



1, 4.596, 6.864

Inverse Universe

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



39, 44.251, 16.191



46, 65.305, 21.151



49, 26.209, 246.253



31, 3.610, 6.959



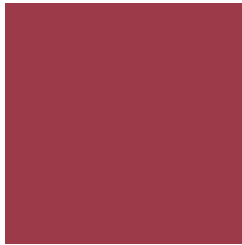
29, 61.199, 31.002



1, 4.596, 6.864

Previews

White Background



This preview shows how the CIELCh color 39, 44.253, 16.189 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 CIE LCh color 39, 44.253, 16.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

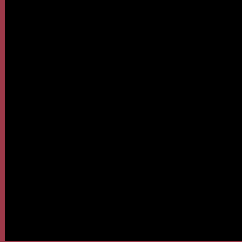
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 44.253, 16.189

Background



This preview shows how black text looks on a background with the CIELCh color 39, 44.253, 16.189.



This preview shows how white text looks on a background with the CIELCh color 39, 44.253, 16.189.

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, 44.253, 16.189

Protanopia

39, 1.405, 45.028

Deuteranopia

39, 15.494, 71.104



Tritanopia
39, 44.598, 25.391

Trichromacy



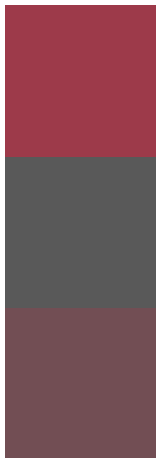
Original Color
39, 44.253, 16.189

Protanomaly
38, 16.655, 11.547

Deuteranomaly
38, 23.113, 33.099

Tritanomaly
39, 44.270, 21.881

Monochromacy



Original Color
39, 44.253, 16.189

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 16.334, 9.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 44.253, 16.189 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(157, 58, 74)` looks like.

```
.text, #text, p{  
    color:rgb(157, 58, 74)  
}
```

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(157, 58, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 58, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 44.253, 16.189 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(157, 58, 74) }
```

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

```
.border{ border-color:rgb(157, 58, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 58, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 58, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 58, 74);  
box-shadow:4px 4px 4px 4px rgb(157, 58,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 44.253, 16.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 58, 74) }
```

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

```
.background{ background-color: rgb(157, 58,  
74) }
```

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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