

Converting Colors

CIELCh(39, 61.978, 42.860)

Have a look what the booklet for
CIELCh(39, 61.978, 42.860) contains.

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Color

CIELCh(39, 62.131, 42.925)

Conversions

Conversions Part 1

Format	Color
Hex	A63417
RGB	166, 52, 23
RGB Percent	65%, 20%, 9%
CMY	0.3483, 0.7954, 0.9093
CMYK	0.00, 0.69, 0.86, 0.35
HSL	12°, 76%, 37%
HSV	12°, 86%, 65%
XYZ	17.1546, 10.6589, 1.9710
YIQ	82.7800, 77.2530, 15.1490

Conversions

Conversions Part 2

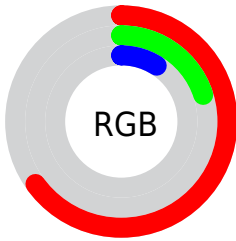
Format	Color
R_{YB}	166, 59, 23
Decimal	10892311
CIE _{Lab}	39.00, 45.50, 42.31
CIE _{LCh}	39, 62.131, 42.925
Yxy	10.6589, 0.5760, 0.3579
Android (android.graphics.Color)	4289082391 (0xFFA63417)
YUV	82.7800, -29.4715, 72.9839
Hunter-Lab	32.6480, 36.6568, 19.2742

Details

The CIELCh color **39, 62.131, 42.925** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **53, 30.617, 231.010**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 62.064, 42.838**, and **20, 52.215, 36.447** is the 20% darker color. If you saturate the color by 10%, you get **37, 69.079, 43.374**, and if you desaturate by 10%, it is **41, 53.971, 42.036**.

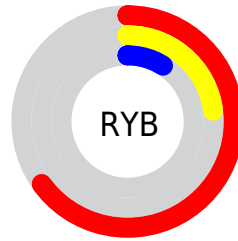
Distribution



Red (65%)

Green (20%)

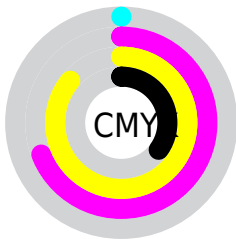
Blue (9%)



Red (65%)

Yellow (23%)

Blue (9%)

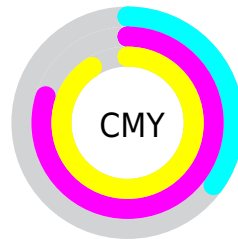


Cyan (0%)

Magenta (69%)

Yellow (86%)

Black (35%)



Cyan (35%)

Magenta (80%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 62.131, 42.925 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, 62.131, 42.925 by changing the saturation by 10% instead.

■ 39, 62.131, 42.925

■ 39, 62.131, 42.925

■ 100, 62.131,
42.925

■ 29, 62.131, 42.925

■ 59, 62.131, 42.925

■ 19, 62.131, 42.925

■ 69, 62.131, 42.925

■ 9, 62.131, 42.925

■ 79, 62.131, 42.925

■ 0, 62.131, 42.925

■ 89, 62.131, 42.925

■ 99, 62.131, 42.925

■ 39, 62.131, 42.925

■ 39, 62.131, 42.925

■ 37, 69.079, 43.374

■ 41, 53.971, 42.036

36, 71.732, 43.788

44, 45.542, 41.129

47, 37.313, 40.401

51, 29.496, 39.897

54, 22.179, 39.602

58, 15.386, 39.482

62, 9.105, 39.495

66, 3.305, 39.549

70, 2.056, 220.151

Harmonies

Complementary

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



39, 62.131, 42.925



53, 30.617, 231.010

Rectangle

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



39, 62.131, 42.925



39, 62.131, 92.925



39, 62.131, 222.925



39, 62.131, 272.925

Sweetspot

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



39, 62.129, 42.927



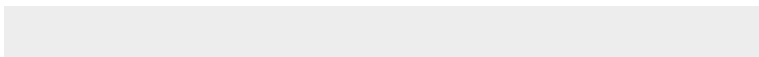
74, 19.075, 39.484



39, 69.801, 336.670



38, 13.213, 39.509



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



39, 62.129, 42.927



48, 87.977, 43.337



54, 55.970, 81.798



34, 3.151, 39.543



32, 65.409, 43.833



2, 5.654, 36.576

Inverse Universe

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



53, 30.617, 231.010



66, 38.967, 236.672



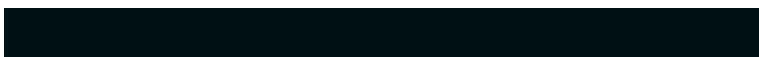
31, 62.963, 293.485



35, 2.978, 220.187



46, 29.263, 235.443



4, 5.425, 227.224

Previews

White Background



This preview shows how the CIELCh color 39, 62.131, 42.925 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, 62.131, 42.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

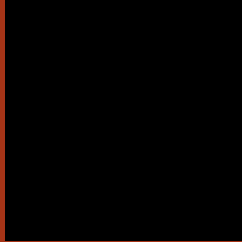
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 62.131, 42.925

Background



This preview shows how black text looks on a background with the CIELCh color 39, 62.131, 42.925.



This preview shows how white text looks on a background with the CIELCh color 39, 62.131, 42.925.

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, 62.131, 42.925

Protanopia

39, 35.131, 95.672

Deuteranopia

39, 47.334, 84.492



Tritanopia
39, 55.164, 29.204

Trichromacy



Original Color
39, 62.131, 42.925

Protanomaly
38, 39.726, 65.851

Deuteranomaly
38, 49.759, 65.040

Tritanomaly
39, 57.585, 34.825

Monochromacy



Original Color
39, 62.131, 42.925

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 21.232, 40.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 62.131, 42.925 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(166, 52, 23)` looks like.

```
.text, #text, p{  
    color:rgb(166, 52, 23)  
}
```

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(166, 52, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 52, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 62.131, 42.925 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(166, 52, 23) }
```

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

```
.border{ border-color:rgb(166, 52, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 52, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 52, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 52, 23);  
box-shadow:4px 4px 4px 4px rgb(166, 52,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 62.131, 42.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 52, 23) }
```

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

```
.background{ background-color: rgb(166, 52,  
23) }
```

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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