

Converting Colors

CIELCh(39, 50.006, 41.624)

Have a look what the booklet for
CIELCh(39, 50.006, 41.624) contains.

CIELCh(39, 49.846, 42.135)	3
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Color

CIELCh(39, 49.846, 42.135)

Conversions

Conversions Part 1

Format	Color
Hex	9B3F27
RGB	155, 63, 39
RGB Percent	61%, 25%, 15%
CMY	0.3924, 0.7531, 0.8472
CMYK	0.00, 0.59, 0.75, 0.39
HSL	12°, 60%, 38%
HSV	12°, 75%, 61%
XYZ	15.6472, 10.6589, 3.1485
YIQ	87.7720, 62.5360, 12.0400

Conversions

Conversions Part 2

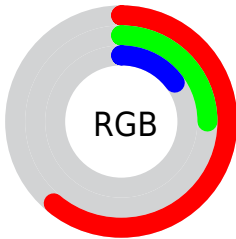
Format	Color
R _Y B	155, 69, 39
Decimal	10174247
CIE Lab	39.00, 36.96, 33.44
CIE LCh	39, 49.846, 42.135
Yxy	10.6589, 0.5312, 0.3619
Android (android.graphics.Color)	4288364327 (0xFF9B3F27)
YUV	87.7720, -24.0446, 58.9590
Hunter-Lab	32.6480, 28.4156, 17.1359

Details

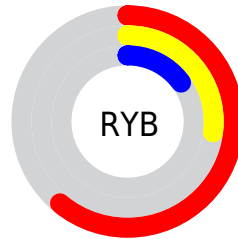
The CIELCh color **39, 49.846, 42.135** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **51, 27.408, 228.453**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 50.048, 42.364**, and **19, 47.424, 38.082** is the 20% darker color. If you saturate the color by 10%, you get **37, 57.631, 43.004**, and if you desaturate by 10%, it is **42, 41.904, 41.299**.

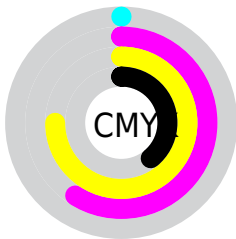
Distribution



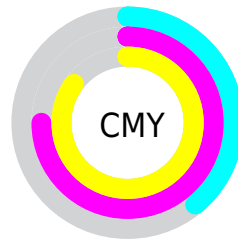
- Red (61%)
- Green (25%)
- Blue (15%)



- Red (61%)
- Yellow (27%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (75%)
- Black (39%)



- Cyan (39%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 49.846, 42.135 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, 49.846, 42.135 by changing the saturation by 10% instead.

■ 39, 49.846, 42.135

■ 39, 49.846, 42.135

■ 100, 49.846,
42.135

■ 29, 49.846, 42.135

■ 59, 49.846, 42.135

■ 19, 49.846, 42.135

■ 69, 49.846, 42.135

■ 9, 49.846, 42.135

■ 79, 49.846, 42.135

■ 0, 49.846, 42.135

■ 89, 49.846, 42.135

■ 99, 49.846, 42.135

■ 39, 49.846, 42.135

■ 39, 49.846, 42.135

■ 37, 57.631, 43.004

■ 42, 41.904, 41.299

35, 64.453, 43.494

45, 34.198, 40.644

34, 67.790, 43.983

48, 26.899, 40.205

51, 20.075, 39.966

55, 13.743, 39.892

58, 7.888, 39.939

62, 2.477, 39.990

66, 2.529, 220.602

70, 7.171, 220.798

Harmonies

Complementary

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



39, 49.846, 42.135



51, 27.408, 228.453

Rectangle

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



39, 49.846, 42.135



39, 49.846, 92.135



39, 49.846, 222.135



39, 49.846, 272.135

Sweetspot

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



39, 49.844, 42.138



71, 14.916, 39.894



38, 62.023, 335.656



36, 10.205, 39.892



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, 49.844, 42.138



46, 75.924, 43.407



52, 47.698, 83.764



30, 2.903, 39.990



31, 62.525, 43.917



1, 3.042, 39.873

Inverse Universe

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



51, 27.408, 228.453



62, 35.994, 233.522



33, 50.945, 289.556



31, 2.747, 220.664



43, 28.194, 236.086



2, 3.017, 221.860

Previews

White Background



This preview shows how the CIELCh color 39, 49.846, 42.135 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, 49.846, 42.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

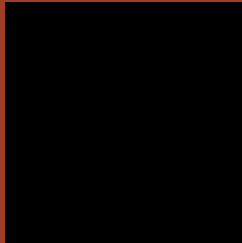
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 49.846, 42.135

Background



This preview shows how black text looks on a background with the CIELCh color 39, 49.846, 42.135.



This preview shows how white text looks on a background with the CIELCh color 39, 49.846, 42.135.

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, 49.846, 42.135

Protanopia

39, 27.143, 96.624

Deuteranopia

39, 35.605, 81.457



Tritanopia
39, 44.416, 24.654

Trichromacy



Original Color
39, 49.846, 42.135

Protanomaly
38, 30.477, 66.578

Deuteranomaly
39, 38.259, 63.009

Tritanomaly
39, 46.047, 31.558

Monochromacy



Original Color
39, 49.846, 42.135

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 16.586, 40.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 49.846, 42.135 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(155, 63, 39)` looks like.

```
.text, #text, p{  
    color:rgb(155, 63, 39)  
}
```

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(155, 63, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 63, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 49.846, 42.135 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(155, 63, 39) }
```

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

```
.border{ border-color:rgb(155, 63, 39) }
```

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

Here you see how a box with a 4 pixel rgb(155, 63, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 63, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 63, 39);  
box-shadow:4px 4px 4px 4px rgb(155, 63,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 49.846, 42.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 63, 39) }
```

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

```
.background{ background-color: rgb(155, 63,  
39) }
```

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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