

Converting Colors

CIELCh(39, 40.355, 11.574)

Have a look what the booklet for
CIELCh(39, 40.355, 11.574) contains.

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Color

CIELCh(39, 40.289, 12.123)

Conversions

Conversions Part 1

Format	Color
Hex	983E50
RGB	152, 62, 80
RGB Percent	60%, 24%, 31%
CMY	0.4047, 0.7575, 0.6869
CMYK	0.00, 0.59, 0.47, 0.40
HSL	348°, 42%, 42%
HSV	348°, 59%, 60%
XYZ	16.0666, 10.6589, 8.7681
YIQ	90.9620, 47.8620, 24.6780

Conversions

Conversions Part 2

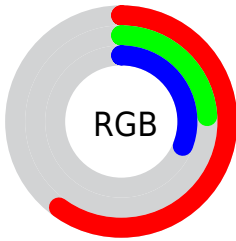
Format	Color
R_{YB}	152, 62, 80
Decimal	9977424
CIE _{Lab}	39.00, 39.39, 8.46
CIE _{LCh}	39, 40.289, 12.123
Yxy	10.6589, 0.4527, 0.3003
Android (android.graphics.Color)	4288167504 (0xFF983E50)
YUV	90.9620, -5.4043, 53.5303
Hunter-Lab	32.6480, 30.7083, 6.9304

Details

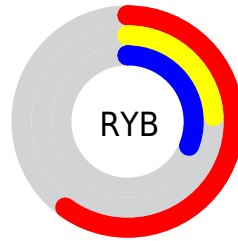
The CIELCh color **39, 40.289, 12.123** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **57, 31.310, 177.295**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 40.595, 12.052**, and **19, 40.526, 12.048** is the 20% darker color. If you saturate the color by 10%, you get **36, 46.813, 15.080**, and if you desaturate by 10%, it is **42, 33.343, 9.780**.

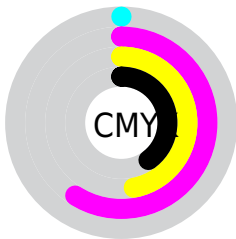
Distribution



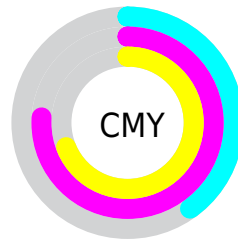
- Red (60%)
- Green (24%)
- Blue (31%)



- Red (60%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (59%)
- Yellow (47%)
- Black (40%)



- Cyan (40%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 40.289, 12.123 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, 40.289, 12.123 by changing the saturation by 10% instead.

■ 39, 40.289, 12.123

■ 39, 40.289, 12.123

■ 100, 40.289,
12.123

■ 29, 40.289, 12.123

■ 59, 40.289, 12.123

■ 19, 40.289, 12.123

■ 69, 40.289, 12.123

■ 9, 40.289, 12.123

■ 79, 40.289, 12.123

■ 0, 40.289, 12.123

■ 89, 40.289, 12.123

■ 99, 40.289, 12.123

■ 39, 40.289, 12.123

■ 39, 40.289, 12.123

■ 36, 46.813, 15.080

■ 42, 33.343, 9.780

34, 52.674, 18.781

46, 26.244, 7.903

32, 57.736, 23.285

50, 19.200, 6.376

31, 62.261, 28.192

54, 12.357, 5.108

31, 62.606, 28.521

59, 5.797, 4.013

63, 0.441, 184.124

68, 6.350, 182.461

72, 11.941,
181.741

77, 17.235,
181.116

Harmonies

Complementary

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



39, 40.289, 12.123



57, 31.310, 177.295

Rectangle

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



39, 40.289, 12.123



39, 40.289, 62.123



39, 40.289, 192.123



39, 40.289, 242.123

Sweetspot

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



39, 40.287, 12.125



70, 14.204, 5.001



39, 57.631, 320.635



35, 10.013, 5.320



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



39, 40.287, 12.125



46, 58.938, 16.149



44, 35.536, 47.408



30, 3.557, 4.009



29, 58.886, 28.096



1, 3.753, 3.492

Inverse Universe

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



39, 40.287, 12.125



46, 58.938, 16.149



50, 23.705, 237.312



30, 3.557, 4.009



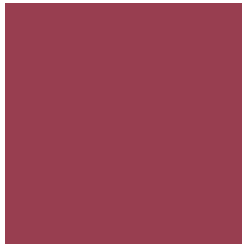
29, 58.886, 28.096



1, 3.753, 3.492

Previews

White Background



This preview shows how the CIELCh color 39, 40.289, 12.123 looks on a white background.

Color Contrast Check

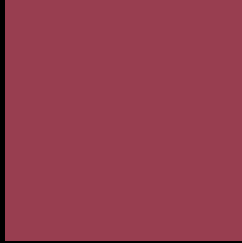
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.289, 12.123 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, 40.289, 12.123

Background



This preview shows how black text looks on a background with the CIELCh color 39, 40.289, 12.123.



This preview shows how white text looks on a background with the CIELCh color 39, 40.289, 12.123.

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, 40.289, 12.123

Protanopia

39, 2.491, 300.144

Deuteranopia

39, 11.497, 63.296



Tritanopia
39, 40.154, 23.282

Trichromacy



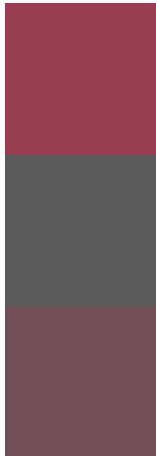
Original Color
39, 40.289, 12.123

Protanomaly
38, 15.300, 0.873

Deuteranomaly
38, 20.287, 25.818

Tritanomaly
39, 40.000, 19.310

Monochromacy



Original Color
39, 40.289, 12.123

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 15.055, 5.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 40.289, 12.123 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(152, 62, 80)` looks like.

```
.text, #text, p{  
    color:rgb(152, 62, 80)  
}
```

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(152, 62, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 62, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 40.289, 12.123 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(152, 62, 80) }
```

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

```
.border{ border-color:rgb(152, 62, 80) }
```

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

Here you see how a box with a 4 pixel rgb(152, 62, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 62, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 62, 80);  
box-shadow:4px 4px 4px 4px rgb(152, 62,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 40.289, 12.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 62, 80) }
```

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

```
.background{ background-color: rgb(152, 62,  
80) }
```

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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