

Converting Colors

CIELCh(41, 38.724, 36.901)

Have a look what the booklet for
CIELCh(41, 38.724, 36.901) contains.

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Color

CIELCh(41, 38.724, 36.901)

Conversions

Conversions Part 1

Format	Color
Hex	974A3C
RGB	151, 74, 60
RGB Percent	59%, 29%, 24%
CMY	0.4067, 0.7088, 0.7638
CMYK	0.00, 0.51, 0.60, 0.41
HSL	9°, 43%, 41%
HSV	9°, 60%, 59%
XYZ	16.1009, 11.8645, 5.7475
YIQ	95.4270, 50.3860, 11.9700

Conversions

Conversions Part 2

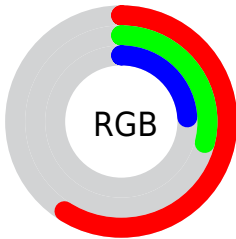
Format	Color
R_{YB}	151, 77, 60
Decimal	9914940
CIE Lab	41.00, 30.97, 23.25
CIE LCh	41, 38.724, 36.901
Yxy	11.8645, 0.4776, 0.3519
Android (android.graphics.Color)	4288105020 (0xFF974A3C)
YUV	95.4270, -17.4655, 48.7375
Hunter-Lab	34.4449, 23.1592, 14.2182

Details

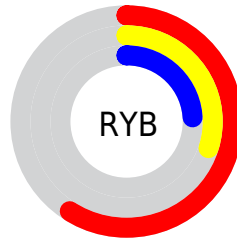
The CIELCh color **41, 38.724, 36.901** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **53, 24.191, 217.157**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 38.802, 36.220**, and **21, 38.670, 37.329** is the 20% darker color. If you saturate the color by 10%, you get **38, 46.587, 38.181**, and if you desaturate by 10%, it is **44, 31.145, 35.915**.

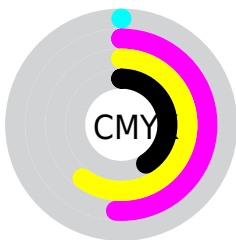
Distribution



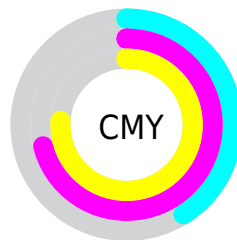
- Red (59%)
- Green (29%)
- Blue (24%)



- Red (59%)
- Yellow (30%)
- Blue (24%)



- Cyan (0%)
- Magenta (51%)
- Yellow (60%)
- Black (41%)



- Cyan (41%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 38.724, 36.901 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 41, 38.724, 36.901 by changing the saturation by 10% instead.

41, 38.724, 36.901

41, 38.724, 36.901

100, 38.724,
36.901

31, 38.724, 36.901

61, 38.724, 36.901

21, 38.724, 36.901

71, 38.724, 36.901

11, 38.724, 36.901

81, 38.724, 36.901

1, 38.724, 36.901

91, 38.724, 36.901

0, 38.724, 36.901

41, 38.724, 36.901

41, 38.724, 36.901

38, 46.587, 38.181

44, 31.145, 35.915

36, 54.467, 39.671

48, 23.987, 35.199

34, 61.776, 41.081

51, 17.304, 34.715

32, 67.825, 42.324

55, 11.108, 34.414

59, 5.383, 34.231

62, 0.096, 29.589

66, 4.794, 214.440

70, 9.326, 214.515

74, 13.542,
214.668

Harmonies

Complementary

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



41, 38.724, 36.901



53, 24.191, 217.157

Rectangle

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



41, 38.724, 36.901



41, 38.724, 86.901



41, 38.724, 216.901



41, 38.724, 266.901

Sweetspot

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



41, 38.722, 36.904



71, 12.158, 34.374



41, 54.020, 332.502



36, 8.610, 34.434



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



41, 38.722, 36.904



49, 59.616, 38.648



52, 37.122, 81.815



30, 3.002, 34.215



30, 63.738, 42.163



1, 3.142, 33.998

Inverse Universe

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



53, 24.191, 217.157



66, 32.729, 219.033



39, 36.682, 281.480



31, 2.834, 214.440



46, 27.933, 224.794



2, 3.108, 215.742

Previews

White Background



This preview shows how the CIELCh color 41, 38.724, 36.901 looks on a white background.

Color Contrast Check

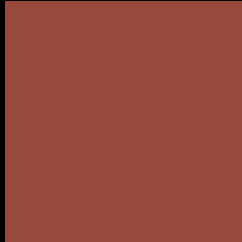
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 38.724, 36.901 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 41, 38.724, 36.901

Background



This preview shows how black text looks on a background with the CIELCh color 41, 38.724, 36.901.



This preview shows how white text looks on a background with the CIELCh color 41, 38.724, 36.901.

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

41, 38.724, 36.901

Protanopia

41, 17.221, 95.183

Deuteranopia

41, 25.011, 77.906



Tritanopia
41, 36.351, 20.911

Trichromacy



Original Color
41, 38.724, 36.901

Protanomaly
41, 21.346, 60.709

Deuteranomaly
41, 27.973, 57.649

Tritanomaly
41, 36.884, 27.065

Monochromacy



Original Color
41, 38.724, 36.901

Achromatopsia
41, 0.006, 296.813

Achromatomaly
40, 13.010, 34.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 38.724, 36.901 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(151, 74, 60)` looks like.

```
.text, #text, p{  
    color:rgb(151, 74, 60)  
}
```

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(151, 74, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 74, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 38.724, 36.901 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(151, 74, 60) }
```

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

```
.border{ border-color:rgb(151, 74, 60) }
```

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

Here you see how a box with a 4 pixel rgb(151, 74, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 74, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 74, 60);  
box-shadow:4px 4px 4px 4px rgb(151, 74,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 38.724, 36.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 74, 60) }
```

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

```
.background{ background-color: rgb(151, 74,  
60) }
```

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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