Converting Colors

CIELCh(38, 53.277, 43.779)

Have a look what the booklet for CIELCh(38, 53.277, 43.779) contains.

CIELCh(38, 52.964, 43.844) 3
Conversions 4
Details 6
Harmonies 11
Previews 20
Color Blindness Simulation 23
CSS Examples 26

Color

CIELCh(38, 52.964, 43.844)

Conversions

Conversions Part 1

Format	Color
Hex	9A3B1F
RGB	154, 59, 31
RGB Percent	60%, 23%, 12%
CMY	0.3963, 0.7688, 0.8786
CMYK	0.00, 0.62, 0.80, 0.40
HSL	14°, 67%, 36%
HSV	14°, 80%, 60%
XYZ	15.1263, 10.0881, 2.4438
YIQ	84.2130, 65.6080, 11.4320

Conversions

Conversions Part 2

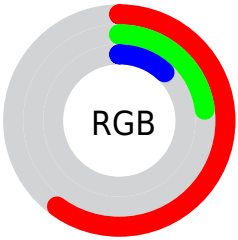
Format	Color
RYB	154, 67, 31
Decimal	10107679
CIELab	38.00, 38.20, 36.69
CIELCh	38, 52.964, 43.844
Yxy	10.0881, 0.5469, 0.3647
Android (android.graphics.Color)	4288297759 (0xFF9A3B1F)
YUV	84.2130, -26.2340, 61.2032
Hunter-Lab	31.7617, 29.4266, 17.6713

Details

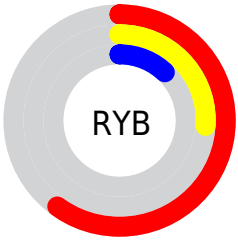
The CIELCh color 38, 52.964, 43.844 is a dark color, and the websafe version is hex 993300. A complement of this color would be 49, 28.195, 233.568, and the grayscale version is 36, 0.005, 296.813.

A 20% lighter version of the original color is 58, 52.953, 43.963, and 18, 47.416, 36.062 is the 20% darker color. If you saturate the color by 10%, you get 36, 60.312, 44.332, and if you desaturate by 10%, it is 40, 45.136, 43.192.

Distribution

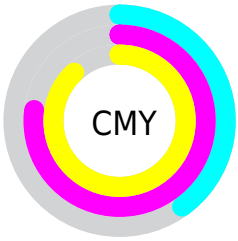


- Red (60%)
- Green (23%)
- Blue (12%)



- Red (60%)
- Yellow (26%)
- Blue (12%)

- Cyan (0%)
- Magenta (62%)
- Yellow (80%)
- Black (40%)



- Cyan (40%)
- Magenta (77%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 52.964, 43.844 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 38, 52.964, 43.844 by changing the saturation by 10% instead.

38, 52.964, 43.844

100, 52.964, 43.844

58, 52.964, 43.844

68, 52.964, 43.844

78, 52.964, 43.844

88, 52.964, 43.844

98, 52.964, 43.844

38, 52.964, 43.844

28, 52.964, 43.844

18, 52.964, 43.844

8, 52.964, 43.844

0, 52.964, 43.844

38, 52.964, 43.844

36, 60.312, 44.332

38, 52.964, 43.844

40, 45.136, 43.192

34, 66.774, 44.732

34, 66.848, 44.743

43, 37.398, 42.634

46, 30.003, 42.258

50, 23.056, 42.070

53, 16.591, 42.047

56, 10.603, 42.154

60, 5.065, 42.340

64, 0.059, 230.283

67, 4.809, 223.205

Harmonies

Complementary

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

38, 52.964, 43.844

49, 28.195, 233.568

Rectangle

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

38, 52.964, 43.844

38, 52.964, 93.844

38, 52.964, 223.844

38, 52.964, 273.844

Sweetspot

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

38, 52.962, 43.847

70, 16.059, 42.091

37, 63.153, 336.892

35, 11.150, 42.060

90, 0.011, 296.813

42, 0.006, 296.813

Same Dimension

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

38, 52.962, 43.847

45, 78.708, 44.230

52, 50.383, 84.347

30, 2.873, 42.352

31, 61.994, 44.725

1, 3.011, 42.273

Inverse Universe

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

49, 28.195, 233.568

60, 36.691, 240.123

31, 55.825, 292.200

31, 2.722, 223.204

42, 28.572, 240.480

2, 2.991, 224.298

Previews

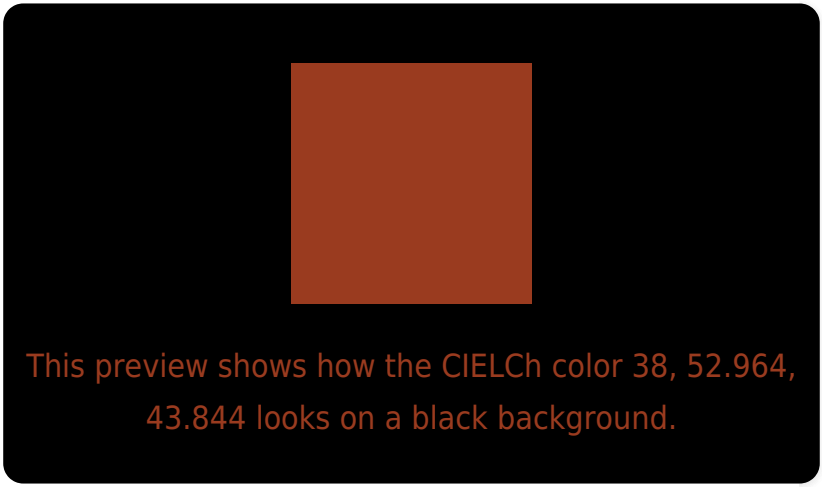
White Background

This preview shows how the CIELCh color 38, 52.964, 43.844 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



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 38, 52.964, 43.844

Background

This preview shows how black text looks on a background with the CIELCh color 38, 52.964, 43.844.

This preview shows how white text looks on a background with the CIELCh color 38, 52.964, 43.844.

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
38, 52.964, 43.844

Protanopia
38, 30.047, 95.858

Deuteranopia
38, 39.183, 82.701

Tritanopia
38, 46.228, 26.095

Trichromacy

Original Color
38, 52.964, 43.844

Protanomaly
37, 33.739, 67.597

Deuteranomaly
38, 41.720, 64.112

Tritanomaly
38, 48.307, 33.249

Monochromacy

Original Color
38, 52.964, 43.844

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 17.525, 42.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 52.964, 43.844 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(154, 59, 31) looks like.

```
.text, #text, p{
    color:rgb(154, 59, 31)
}
```

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(154, 59, 31) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(154, 59, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 59, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 52.964, 43.844 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(154, 59, 31) }
```

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

```
.border{ border-color:rgb(154, 59, 31) }
```

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

Here you see how a box with a 4 pixel rgb(154, 59, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 59, 31); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 59, 31); box-shadow:4px 4px 4px 4px rgb(154, 59, 31) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 52.964, 43.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(154, 59, 31) }
```

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

```
.background{ background-color:rgb(154, 59, 31) }
```

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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