

Converting Colors

CIELCh(52, 38.182, 86.249)

Have a look what the booklet for
CIELCh(52, 38.182, 86.249) contains.

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Color

CIELCh(52, 38.279, 86.707)

Conversions

Conversions Part 1

Format	Color
Hex	937939
RGB	147, 121, 57
RGB Percent	58%, 47%, 22%
CMY	0.4239, 0.5258, 0.7768
CMYK	0.00, 0.18, 0.61, 0.42
HSL	43°, 44%, 40%
HSV	43°, 61%, 58%
XYZ	19.5807, 20.1443, 6.7170
YIQ	121.4780, 36.0400, -14.3920

Conversions

Conversions Part 2

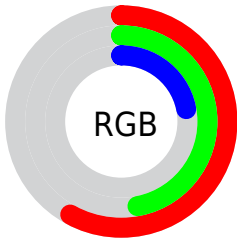
Format	Color
RYB	94, 147, 57
Decimal	9664825
CIELab	52.00, 2.20, 38.22
CIElCh	52, 38.279, 86.707
Yxy	20.1443, 0.4216, 0.4338
Android (android.graphics.Color)	4287854905 (0xFF937939)
YUV	121.4780, -31.7877, 22.3828
Hunter-Lab	44.8824, -0.6706, 22.5445

Details

The CIELCh color **52, 38.279, 86.707** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **36, 39.834, 286.041**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 38.372, 86.784**, and **32, 38.290, 87.277** is the 20% darker color. If you saturate the color by 10%, you get **51, 44.045, 85.275**, and if you desaturate by 10%, it is **53, 32.118, 88.082**.

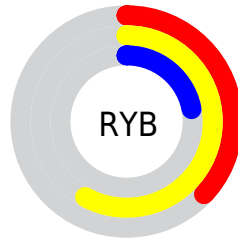
Distribution



Red (58%)

Green (47%)

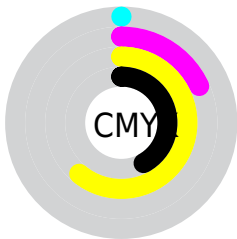
Blue (22%)



Red (37%)

Yellow (58%)

Blue (22%)

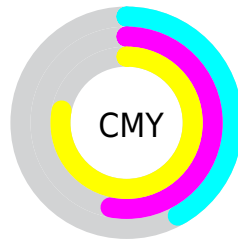


Cyan (0%)

Magenta (18%)

Yellow (61%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 38.279, 86.707 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 52, 38.279, 86.707 by changing the saturation by 10% instead.

■ 52, 38.279, 86.707

■ 52, 38.279, 86.707

■ 100, 38.279,
86.707

■ 42, 38.279, 86.707

■ 72, 38.279, 86.707

■ 32, 38.279, 86.707

■ 82, 38.279, 86.707

■ 22, 38.279, 86.707

■ 92, 38.279, 86.707

■ 12, 38.279, 86.707

■ 2, 38.279, 86.707

■ 0, 38.279, 86.707

■ 52, 38.279, 86.707

■ 52, 38.279, 86.707

■ 51, 44.045, 85.275

■ 53, 32.118, 88.082

■ 49, 49.035, 83.725

■ 55, 25.794, 89.411

■ 48, 52.720, 81.967

■ 56, 19.440, 90.704

■ 47, 55.088, 80.310

■ 58, 13.129, 91.960

■ 59, 6.895, 93.172

■ 61, 0.755, 94.155

■ 62, 5.286, 275.547

■ 64, 11.228,
276.619

■ 66, 17.076,
277.655

Harmonies

Complementary

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



52, 38.279, 86.707



36, 39.834, 286.041

Rectangle

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



52, 38.279, 86.707



52, 38.279, 136.707



52, 38.279, 266.707



52, 38.279, 316.707

Sweetspot

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



52, 38.279, 86.710



74, 13.757, 92.315



37, 40.641, 4.914



39, 9.655, 91.985



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



52, 38.279, 86.710



64, 56.251, 84.631



58, 48.606, 114.190



31, 3.474, 93.411



44, 52.569, 80.464



2, 3.026, 94.519

Inverse Universe

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



36, 39.834, 286.041



41, 60.826, 290.355



31, 56.887, 303.957



29, 3.489, 275.688



21, 64.567, 298.076



1, 3.027, 274.525

Previews

White Background



This preview shows how the CIELCh color 52, 38.279, 86.707 looks on a white 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

Black Background



This preview shows how the CIE LCh color 52, 38.279, 86.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

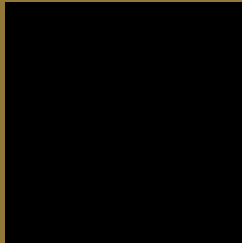
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 38.279, 86.707

Background



This preview shows how black text looks on a background with the CIELCh color 52, 38.279, 86.707.



This preview shows how white text looks on a background with the CIELCh color 52, 38.279, 86.707.

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

52, 38.279, 86.707

Protanopia

52, 37.570, 95.325

Deuteranopia

52, 38.283, 79.934



Tritanopia
52, 16.434, 3.074

Trichromacy



Original Color
52, 38.279, 86.707

Protanomaly
52, 37.530, 92.396

Deuteranomaly
52, 38.054, 82.115

Tritanomaly
52, 18.072, 55.404

Monochromacy



Original Color
52, 38.279, 86.707

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 13.888, 92.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 38.279, 86.707 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(147, 121, 57)` looks like.

```
.text, #text, p{  
    color:rgb(147, 121, 57)  
}
```

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(147, 121, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 121, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 38.279, 86.707 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(147, 121, 57) }
```

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

```
.border{ border-color:rgb(147, 121, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 121, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 121, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 121, 57);  
box-shadow:4px 4px 4px 4px rgb(147, 121,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 38.279, 86.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 121, 57) }
```

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

```
.background{ background-color: rgb(147,  
121, 57) }
```

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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