

Converting Colors

CIELCh(52, 39.254, 87.010)

Have a look what the booklet for
CIELCh(52, 39.254, 87.010) contains.

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Color

CIELCh(52, 39.254, 87.010)

Conversions

Conversions Part 1

Format	Color
Hex	937937
RGB	147, 121, 55
RGB Percent	58%, 47%, 22%
CMY	0.4236, 0.5256, 0.7844
CMYK	0.00, 0.18, 0.63, 0.42
HSL	43°, 46%, 40%
HSV	43°, 63%, 58%
XYZ	19.5506, 20.1443, 6.4690
YIQ	121.2500, 36.6820, -15.0140

Conversions

Conversions Part 2

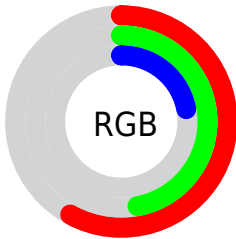
Format	Color
RYB	91, 147, 55
Decimal	9664823
CIELab	52.00, 2.05, 39.20
CIELCh	52, 39.254, 87.010
Yxy	20.1443, 0.4235, 0.4364
Android (android.graphics.Color)	4287854903 (0xFF937937)
YUV	121.2500, -32.6612, 22.5828
Hunter-Lab	44.8824, -0.7902, 22.8721

Details

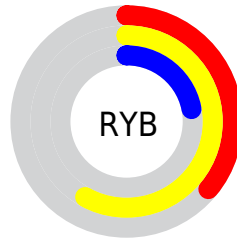
The CIELCh color **52, 39.254, 87.010** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **36, 41.155, 286.822**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 39.354, 87.143**, and **32, 39.351, 87.498** is the 20% darker color. If you saturate the color by 10%, you get **51, 44.937, 85.578**, and if you desaturate by 10%, it is **53, 33.121, 88.383**.

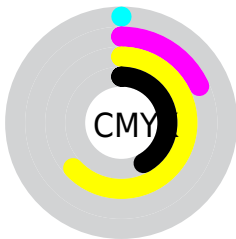
Distribution



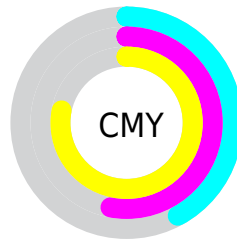
- Red (58%)
- Green (47%)
- Blue (22%)



- Red (36%)
- Yellow (58%)
- Blue (22%)



- Cyan (0%)
- Magenta (18%)
- Yellow (63%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 39.254, 87.010 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, 39.254, 87.010 by changing the saturation by 10% instead.

■ 52, 39.254, 87.010

■ 52, 39.254, 87.010

■ 100, 39.254,
87.010

■ 42, 39.254, 87.010

■ 72, 39.254, 87.010

■ 32, 39.254, 87.010

■ 82, 39.254, 87.010

■ 22, 39.254, 87.010

■ 92, 39.254, 87.010

■ 12, 39.254, 87.010

■ 2, 39.254, 87.010

■ 0, 39.254, 87.010

■ 52, 39.254, 87.010

■ 52, 39.254, 87.010

■ 51, 44.937, 85.578

■ 53, 33.121, 88.383

■ 50, 49.768, 84.025

■ 55, 26.792, 89.709

■ 48, 53.206, 82.256

■ 56, 20.411, 91.001

■ 47, 55.180, 80.881

■ 58, 14.059, 92.257

■ 59, 7.777, 93.471

■ 61, 1.584, 94.571

■ 62, 4.514, 275.850

■ 64, 10.515,
276.921

■ 65, 16.423,
277.958

Harmonies

Complementary

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



52, 39.254, 87.010



36, 41.155, 286.822

Rectangle

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



52, 39.254, 87.010



52, 39.254, 137.010



52, 39.254, 267.010



52, 39.254, 317.010

Sweetspot

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



52, 39.254, 87.013



74, 14.621, 92.651



37, 41.397, 6.538



39, 10.162, 92.330



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, 39.254, 87.013



64, 57.054, 84.983



58, 49.650, 114.896



31, 3.496, 93.868



45, 52.642, 81.031



2, 3.046, 94.971

Inverse Universe

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



36, 41.155, 286.822



40, 62.310, 291.059



30, 58.205, 304.524



29, 3.513, 276.134



21, 65.154, 298.381



1, 3.047, 274.977

Previews

White Background



This preview shows how the CIELCh color 52, 39.254, 87.010 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 CIELCh color 52, 39.254, 87.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

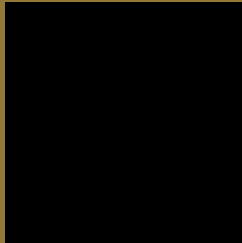
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 39.254, 87.010

Background



This preview shows how black text looks on a background with the CIELCh color 52, 39.254, 87.010.



This preview shows how white text looks on a background with the CIELCh color 52, 39.254, 87.010.

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, 39.254, 87.010

Protanopia

52, 38.567, 95.432

Deuteranopia

52, 39.471, 79.791



Tritanopia
52, 16.434, 3.074

Trichromacy



Original Color
52, 39.254, 87.010

Protanomaly
52, 38.523, 92.573

Deuteranomaly
52, 39.020, 82.533

Tritanomaly
52, 18.455, 56.721

Monochromacy



Original Color
52, 39.254, 87.010

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 14.445, 92.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 39.254, 87.010 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(147, 121, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 121, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 39.254, 87.010 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, 55) }
```

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

```
.border{ border-color:rgb(147, 121, 55) }
```

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, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 121, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 121, 55);  
box-shadow:4px 4px 4px 4px rgb(147, 121,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 39.254, 87.010 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, 55) }
```

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

```
.background{ background-color: rgb(147,  
121, 55) }
```

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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