

Converting Colors

CIELCh(43, 54.574, 57.909)

Have a look what the booklet for
CIELCh(43, 54.574, 57.909) contains.

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Color

CIELCh(43, 54.518, 57.825)

Conversions

Conversions Part 1

Format	Color
Hex	9F5015
RGB	159, 80, 21
RGB Percent	62%, 31%, 8%
CMY	0.3766, 0.6863, 0.9177
CMYK	0.00, 0.50, 0.87, 0.38
HSL	26°, 77%, 35%
HSV	26°, 87%, 62%
XYZ	17.2965, 13.1578, 2.3367
YIQ	96.8950, 66.0230, -1.6010

Conversions

Conversions Part 2

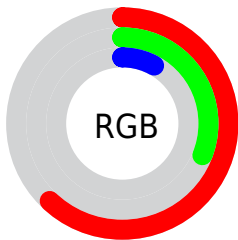
Format	Color
RYB	159, 124, 21
Decimal	10440725
CIELab	43.00, 29.03, 46.15
CIELCh	43, 54.518, 57.825
Yxy	13.1578, 0.5275, 0.4013
Android (android.graphics.Color)	4288630805 (0xFF9F5015)
YUV	96.8950, -37.4162, 54.4661
Hunter-Lab	36.2736, 21.6362, 21.5722

Details

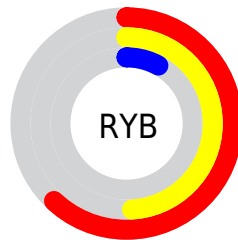
The CIELCh color **43, 54.518, 57.825** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **41, 38.304, 269.253**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 54.715, 57.713**, and **23, 44.654, 49.169** is the 20% darker color. If you saturate the color by 10%, you get **41, 59.951, 55.956**, and if you desaturate by 10%, it is **45, 47.974, 59.189**.

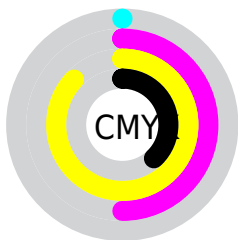
Distribution



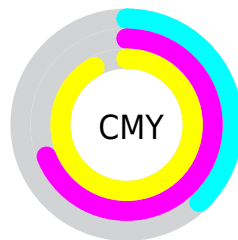
- Red (62%)
- Green (31%)
- Blue (8%)



- Red (62%)
- Yellow (49%)
- Blue (8%)



- Cyan (0%)
- Magenta (50%)
- Yellow (87%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 54.518, 57.825 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 43, 54.518, 57.825 by changing the saturation by 10% instead.

■ 43, 54.518, 57.825

■ 43, 54.518, 57.825

■ 100, 54.518,
57.825

■ 33, 54.518, 57.825

■ 63, 54.518, 57.825

■ 23, 54.518, 57.825

■ 73, 54.518, 57.825

■ 13, 54.518, 57.825

■ 83, 54.518, 57.825

■ 3, 54.518, 57.825

■ 93, 54.518, 57.825

■ 0, 54.518, 57.825

■ 43, 54.518, 57.825

■ 43, 54.518, 57.825

■ 41, 59.951, 55.956

■ 45, 47.974, 59.189

■ 40, 61.748, 55.493

■ 47, 40.974, 60.278

■ 50, 33.983, 61.280

■ 53, 27.222, 62.274

■ 55, 20.783, 63.287

■ 58, 14.693, 64.322

■ 61, 8.945, 65.366

■ 64, 3.518, 66.371

■ 66, 1.619, 247.758

Harmonies

Complementary

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



43, 54.518, 57.825



41, 38.304, 269.253

Rectangle

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



43, 54.518, 57.825



43, 54.518, 107.825



43, 54.518, 237.825



43, 54.518, 287.825

Sweetspot

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



43, 54.516, 57.828



74, 17.626, 64.354



36, 59.346, 350.323



38, 12.160, 64.016



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



43, 54.516, 57.828



52, 75.413, 54.726



60, 61.089, 98.205



32, 2.932, 66.138



36, 56.934, 55.866



2, 3.720, 64.560

Inverse Universe

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



41, 38.304, 269.253



49, 53.518, 276.390



23, 80.571, 302.760



32, 2.841, 248.337



34, 39.758, 274.878



2, 3.814, 250.641

Previews

White Background



This preview shows how the CIELCh color 43, 54.518, 57.825 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 CIELCh color 43, 54.518, 57.825 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 43, 54.518, 57.825

Background



This preview shows how black text looks on a background with the CIELCh color 43, 54.518, 57.825.



This preview shows how white text looks on a background with the CIELCh color 43, 54.518, 57.825.

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

43, 54.518, 57.825

Protanopia

43, 41.960, 95.176

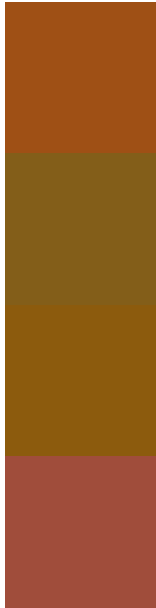
Deuteranopia

43, 48.744, 83.820



Tritanopia
43, 38.793, 21.466

Trichromacy



Original Color
43, 54.518, 57.825

Protanomaly
43, 43.595, 78.786

Deuteranomaly
43, 49.648, 73.497

Tritanomaly
43, 42.344, 39.025

Monochromacy



Original Color
43, 54.518, 57.825

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 19.339, 63.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 54.518, 57.825 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(159, 80, 21)` looks like.

```
.text, #text, p{  
    color:rgb(159, 80, 21)  
}
```

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(159, 80, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 80, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 54.518, 57.825 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(159, 80, 21) }
```

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

```
.border{ border-color:rgb(159, 80, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 80, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 80, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 80, 21);  
box-shadow:4px 4px 4px 4px rgb(159, 80,  
21) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 54.518, 57.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 80, 21) }
```

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

```
.background{ background-color: rgb(159, 80,  
21) }
```

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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