

Converting Colors

CIELCh(46, 40.562, 54.701)

Have a look what the booklet for
CIELCh(46, 40.562, 54.701) contains.

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Color

CIELCh(46, 40.531, 54.609)

Conversions

Conversions Part 1

Format	Color
Hex	9E5C36
RGB	158, 92, 54
RGB Percent	62%, 36%, 21%
CMY	0.3792, 0.6382, 0.7873
CMYK	0.00, 0.42, 0.66, 0.38
HSL	22°, 49%, 42%
HSV	22°, 66%, 62%
XYZ	18.6823, 15.2687, 5.4829
YIQ	107.4020, 51.5340, 2.1740

Conversions

Conversions Part 2

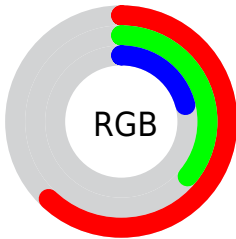
Format	Color
R _Y B	158, 114, 54
Decimal	10378294
CIE Lab	46.00, 23.47, 33.04
CIE LCh	46, 40.531, 54.609
Yxy	15.2687, 0.4738, 0.3872
Android (android.graphics.Color)	4288568374 (0xFF9E5C36)
YUV	107.4020, -26.3272, 44.3744
Hunter-Lab	39.0751, 16.9616, 19.0333

Details

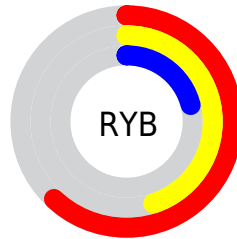
The CIELCh color **46, 40.531, 54.609** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **48, 28.032, 251.971**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 40.447, 54.780**, and **26, 40.644, 54.880** is the 20% darker color. If you saturate the color by 10%, you get **44, 47.879, 53.972**, and if you desaturate by 10%, it is **49, 33.323, 55.232**.

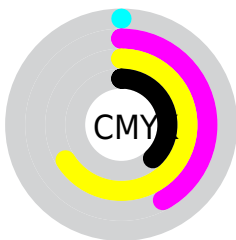
Distribution



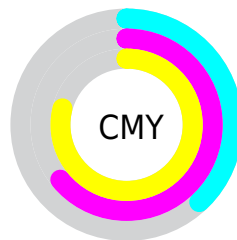
- Red (62%)
- Green (36%)
- Blue (21%)



- Red (62%)
- Yellow (45%)
- Blue (21%)



- Cyan (0%)
- Magenta (42%)
- Yellow (66%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 40.531, 54.609 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 46, 40.531, 54.609 by changing the saturation by 10% instead.

■ 46, 40.531, 54.609

■ 46, 40.531, 54.609

■ 100, 40.531,
54.609

■ 36, 40.531, 54.609

■ 66, 40.531, 54.609

■ 26, 40.531, 54.609

■ 76, 40.531, 54.609

■ 16, 40.531, 54.609

■ 86, 40.531, 54.609

■ 6, 40.531, 54.609

■ 96, 40.531, 54.609

■ 0, 40.531, 54.609

■ 46, 40.531, 54.609

■ 46, 40.531, 54.609

■ 44, 47.879, 53.972

■ 49, 33.323, 55.232

■ 41, 54.951, 53.134

■ 51, 26.444, 55.898

39, 61.008, 51.787

54, 19.962, 56.627

38, 63.616, 51.402

57, 13.889, 57.412

60, 8.209, 58.234

63, 2.893, 59.021

67, 2.095, 240.238

70, 6.790, 241.008

73, 11.225,
241.882

Harmonies

Complementary

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



46, 40.531, 54.609



48, 28.032, 251.971

Rectangle

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



46, 40.531, 54.609



46, 40.531, 104.609



46, 40.531, 234.609



46, 40.531, 284.609

Sweetspot

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



46, 40.530, 54.613



75, 13.165, 57.849



40, 52.642, 342.317



39, 9.135, 57.631



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



46, 40.530, 54.613



55, 62.555, 53.612



59, 47.887, 95.960



32, 2.884, 58.763



35, 58.813, 51.740



2, 3.667, 57.331

Inverse Universe

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



48, 28.032, 251.971



58, 39.777, 257.577



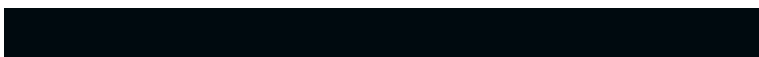
33, 55.235, 294.914



32, 2.770, 240.656



37, 35.219, 266.119



2, 3.711, 243.674

Previews

White Background



This preview shows how the CIELCh color 46, 40.531, 54.609 looks on a white background.

Color Contrast Check

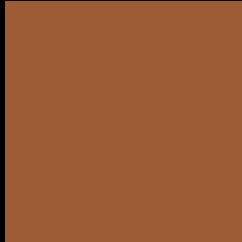
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 40.531, 54.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

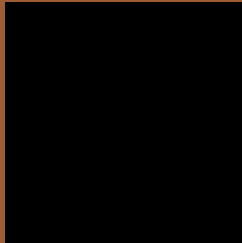
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 40.531, 54.609

Background



This preview shows how black text looks on a background with the CIELCh color 46, 40.531, 54.609.



This preview shows how white text looks on a background with the CIELCh color 46, 40.531, 54.609.

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

46, 40.531, 54.609

Protanopia

46, 29.347, 96.848

Deuteranopia

46, 34.122, 79.680



Tritanopia
46, 32.196, 17.987

Trichromacy



Original Color
46, 40.531, 54.609

Protanomaly
46, 30.870, 78.484

Deuteranomaly
46, 35.297, 69.825

Tritanomaly
46, 33.144, 33.611

Monochromacy



Original Color
46, 40.531, 54.609

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 13.683, 57.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 40.531, 54.609 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(158, 92, 54)` looks like.

```
.text, #text, p{  
    color:rgb(158, 92, 54)  
}
```

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(158, 92, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 92, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 40.531, 54.609 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(158, 92, 54) }
```

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

```
.border{ border-color:rgb(158, 92, 54) }
```

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

Here you see how a box with a 4 pixel rgb(158, 92, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 92, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 92, 54);  
box-shadow:4px 4px 4px 4px rgb(158, 92,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 40.531, 54.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 92, 54) }
```

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

```
.background{ background-color: rgb(158, 92,  
54) }
```

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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