

Converting Colors

CIELCh(43, 30.522, 80.696)

Have a look what the booklet for
CIELCh(43, 30.522, 80.696) contains.

CIELCh(43, 30.499, 80.447)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(43, 30.499, 80.447)

Conversions

Conversions Part 1

Format	Color
Hex	7C6133
RGB	124, 97, 51
RGB Percent	49%, 38%, 20%
CMY	0.5124, 0.6184, 0.7989
CMYK	0.00, 0.22, 0.59, 0.51
HSL	38°, 42%, 34%
HSV	38°, 59%, 49%
XYZ	13.2678, 13.1578, 5.0059
YIQ	99.8290, 30.8580, -8.5820

Conversions

Conversions Part 2

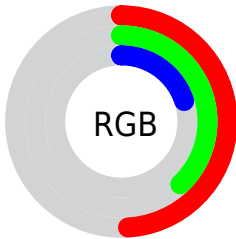
Format	Color
R_{YB}	94, 124, 51
Decimal	8151347
CIE _{Lab}	43.00, 5.06, 30.08
CIE _{LCh}	43, 30.499, 80.447
Yxy	13.1578, 0.4221, 0.4186
Android (android.graphics.Color)	4286341427 (0xFF7C6133)
YUV	99.8290, -24.0727, 21.1980
Hunter-Lab	36.2736, 1.8108, 17.2093

Details

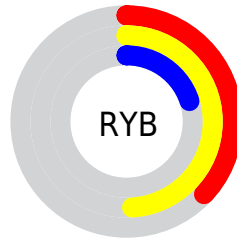
The CIELCh color **43, 30.499, 80.447** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **33, 29.569, 279.191**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 30.380, 79.527**, and **23, 30.275, 80.948** is the 20% darker color. If you saturate the color by 10%, you get **42, 35.730, 78.985**, and if you desaturate by 10%, it is **44, 25.138, 81.845**.

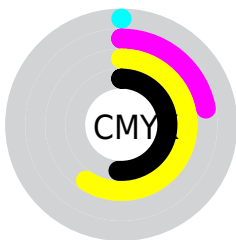
Distribution



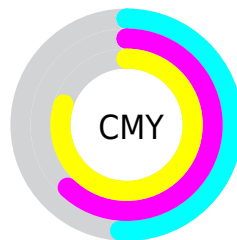
- Red (49%)
- Green (38%)
- Blue (20%)



- Red (37%)
- Yellow (49%)
- Blue (20%)



- Cyan (0%)
- Magenta (22%)
- Yellow (59%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 30.499, 80.447 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, 30.499, 80.447 by changing the saturation by 10% instead.

■ 43, 30.499, 80.447

■ 43, 30.499, 80.447

■ 100, 30.499,
80.447

■ 33, 30.499, 80.447

■ 63, 30.499, 80.447

■ 23, 30.499, 80.447

■ 73, 30.499, 80.447

■ 13, 30.499, 80.447

■ 83, 30.499, 80.447

■ 3, 30.499, 80.447

■ 93, 30.499, 80.447

■ 0, 30.499, 80.447

■ 43, 30.499, 80.447

■ 43, 30.499, 80.447

■ 42, 35.730, 78.985

■ 44, 25.138, 81.845

■ 40, 40.580, 77.391

■ 46, 19.784, 83.192

■ 39, 44.644, 75.554

■ 48, 14.509, 84.501

■ 38, 47.988, 73.555

■ 49, 9.345, 85.772

■ 37, 48.465, 73.343

■ 51, 4.303, 86.988

■ 52, 0.615, 268.537

■ 54, 5.415, 269.419

■ 56, 10.104,
270.511

■ 57, 14.692,
271.565

Harmonies

Complementary

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



43, 30.499, 80.447



33, 29.569, 279.191

Rectangle

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



43, 30.499, 80.447



43, 30.499, 130.447



43, 30.499, 260.447



43, 30.499, 310.447

Sweetspot

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



43, 30.499, 80.451



63, 11.059, 85.812



32, 34.831, 357.950



32, 7.769, 85.503



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 30.499, 80.451



53, 44.809, 78.541



50, 40.586, 110.494



25, 2.736, 86.952



38, 48.638, 73.326



73, 81.957, 71.522

Inverse Universe

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



33, 29.569, 279.191



39, 43.855, 283.122



26, 47.457, 301.461



24, 2.726, 269.266



22, 52.390, 293.068



46, 93.280, 295.173

Previews

White Background



This preview shows how the CIELCh color 43, 30.499, 80.447 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 CIE LCh color 43, 30.499, 80.447 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, 30.499, 80.447

Background



This preview shows how black text looks on a background with the CIELCh color 43, 30.499, 80.447.



This preview shows how white text looks on a background with the CIELCh color 43, 30.499, 80.447.

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, 30.499, 80.447

Protanopia

43, 29.092, 96.413

Deuteranopia

43, 30.737, 79.645



Tritanopia
43, 15.971, 6.590

Trichromacy



Original Color
43, 30.499, 80.447

Protanomaly
43, 29.324, 90.642

Deuteranomaly
43, 30.737, 79.645

Tritanomaly
43, 16.839, 46.056

Monochromacy



Original Color
43, 30.499, 80.447

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 11.157, 85.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 30.499, 80.447 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(124, 97, 51)` looks like.

```
.text, #text, p{  
    color:rgb(124, 97, 51)  
}
```

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(124, 97, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 97, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 30.499, 80.447 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(124, 97, 51) }
```

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

```
.border{ border-color:rgb(124, 97, 51) }
```

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

Here you see how a box with a 4 pixel rgb(124, 97, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 97, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 97, 51);  
box-shadow:4px 4px 4px 4px rgb(124, 97,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 30.499, 80.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 97, 51) }
```

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

```
.background{ background-color: rgb(124, 97,  
51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor