

Converting Colors

CIELCh(43, 48.233, 88.033)

Have a look what the booklet for
CIELCh(43, 48.233, 88.033) contains.

CIELCh(43, 48.233, 88.033)	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, 48.233, 88.033)

Conversions

Conversions Part 1

Format	Color
Hex	7C6308
RGB	124, 99, 8
RGB Percent	49%, 39%, 3%
CMY	0.5148, 0.6127, 0.9701
CMYK	0.00, 0.20, 0.94, 0.51
HSL	47°, 88%, 26%
HSV	47°, 94%, 49%
XYZ	12.7519, 13.1578, 2.0864
YIQ	96.1010, 44.1110, -23.0010

Conversions

Conversions Part 2

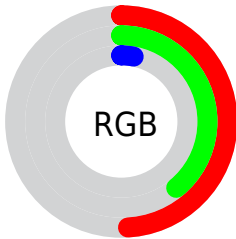
Format	Color
RYB	40, 124, 8
Decimal	8151816
CIELab	43.00, 1.66, 48.20
CIElCh	43, 48.233, 88.033
Yxy	13.1578, 0.4555, 0.4700
Android (android.graphics.Color)	4286341896 (0xFF7C6308)
YUV	96.1010, -43.4338, 24.4674
Hunter-Lab	36.2736, -0.7277, 21.9812

Details

The CIELCh color **43, 48.233, 88.033** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **18, 61.164, 299.413**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 48.022, 87.798**, and **23, 32.457, 85.259** is the 20% darker color. If you saturate the color by 10%, you get **43, 49.850, 87.192**, and if you desaturate by 10%, it is **44, 45.397, 89.437**.

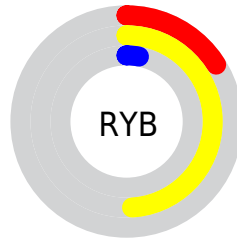
Distribution



Red (49%)

Green (39%)

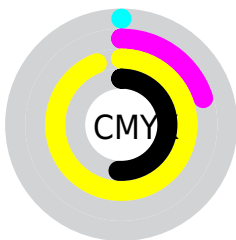
Blue (3%)



Red (16%)

Yellow (49%)

Blue (3%)

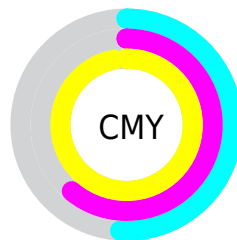


Cyan (0%)

Magenta (20%)

Yellow (94%)

Black (51%)



Cyan (51%)

Magenta (61%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 48.233, 88.033 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, 48.233, 88.033 by changing the saturation by 10% instead.

■ 43, 48.233, 88.033

■ 43, 48.233, 88.033

■ 100, 48.233,
88.033

■ 33, 48.233, 88.033

■ 63, 48.233, 88.033

■ 23, 48.233, 88.033

■ 73, 48.233, 88.033

■ 13, 48.233, 88.033

■ 83, 48.233, 88.033

■ 3, 48.233, 88.033

■ 93, 48.233, 88.033

■ 0, 48.233, 88.033

■ 43, 48.233, 88.033

■ 43, 48.233, 88.033

■ 43, 49.850, 87.192

■ 44, 45.397, 89.437

■ 45, 41.335, 90.744

■ 46, 36.431, 92.001

■ 46, 31.029, 93.232

■ 47, 25.364, 94.444

■ 48, 19.580, 95.638

■ 49, 13.761, 96.807

■ 50, 7.956, 97.945

■ 51, 2.191, 99.017

Harmonies

Complementary

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



43, 48.233, 88.033



18, 61.164, 299.413

Rectangle

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



43, 48.233, 88.033



43, 48.233, 138.033



43, 48.233, 268.033



43, 48.233, 318.033

Sweetspot

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



43, 48.232, 88.036



62, 20.044, 96.245



25, 50.468, 23.319



32, 13.956, 95.819



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, 48.232, 88.036



55, 60.156, 86.755



48, 57.619, 118.264



25, 3.202, 98.472



43, 50.202, 87.174



83, 84.118, 86.189

Inverse Universe

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



18, 61.164, 299.413



23, 80.697, 301.637



16, 72.542, 308.129



24, 3.234, 280.549



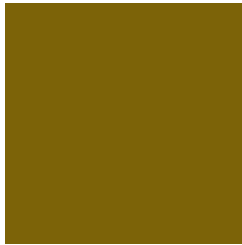
17, 65.801, 300.979



37, 116.163, 302.443

Previews

White Background



This preview shows how the CIELCh color 43, 48.233, 88.033 looks on a white background.

Color Contrast Check

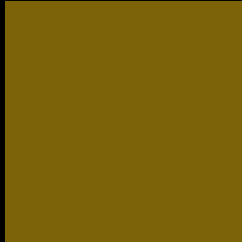
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.233, 88.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

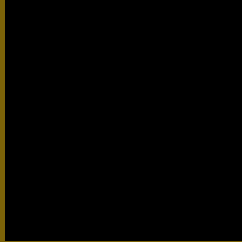
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 48.233, 88.033

Background



This preview shows how black text looks on a background with the CIELCh color 43, 48.233, 88.033.



This preview shows how white text looks on a background with the CIELCh color 43, 48.233, 88.033.

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, 48.233, 88.033

Protanopia

43, 47.695, 95.344

Deuteranopia

43, 48.035, 83.651



Tritanopia
43, 16.394, 7.064

Trichromacy



Original Color
43, 48.233, 88.033

Protanomaly
43, 47.693, 92.889

Deuteranomaly
43, 48.065, 85.539

Tritanomaly
43, 23.367, 65.488

Monochromacy



Original Color
43, 48.233, 88.033

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 20.213, 95.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 48.233, 88.033 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, 99, 8)` looks like.

```
.text, #text, p{  
    color:rgb(124, 99, 8)  
}
```

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, 99, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 99, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 48.233, 88.033 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, 99, 8) }
```

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

```
.border{ border-color:rgb(124, 99, 8) }
```

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

Here you see how a box with a 4 pixel rgb(124, 99, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 99, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 99, 8);  
box-shadow:4px 4px 4px 4px rgb(124, 99, 8)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 48.233, 88.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 99, 8) }
```

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

```
.background{ background-color: rgb(124, 99,  
8) }
```

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