

Converting Colors

CIELCh(43, 38.552, 81.912)

Have a look what the booklet for
CIELCh(43, 38.552, 81.912) contains.

CIELCh(43, 38.520, 81.990)	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, 38.520, 81.990)

Conversions

Conversions Part 1

Format	Color
Hex	7F6124
RGB	127, 97, 36
RGB Percent	50%, 38%, 14%
CMY	0.5025, 0.6200, 0.8593
CMYK	0.00, 0.24, 0.72, 0.50
HSL	40°, 56%, 32%
HSV	40°, 72%, 50%
XYZ	13.3148, 13.1578, 3.4981
YIQ	99.0160, 37.4610, -12.6110

Conversions

Conversions Part 2

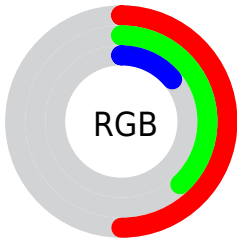
Format	Color
R_{YB}	81, 127, 36
Decimal	8347940
CIE _{Lab}	43.00, 5.37, 38.14
CIE _{LCh}	43, 38.520, 81.990
Yxy	13.1578, 0.4443, 0.4390
Android (android.graphics.Color)	4286538020 (0xFF7F6124)
YUV	99.0160, -31.0669, 24.5420
Hunter-Lab	36.2736, 2.0422, 19.6738

Details

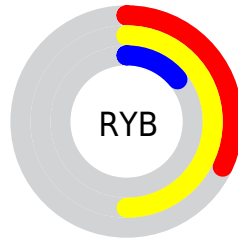
The CIELCh color **43, 38.520, 81.990** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **29, 39.417, 286.161**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 38.601, 81.405**, and **23, 33.011, 79.320** is the 20% darker color. If you saturate the color by 10%, you get **42, 43.112, 80.386**, and if you desaturate by 10%, it is **44, 33.348, 83.464**.

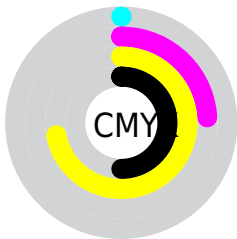
Distribution



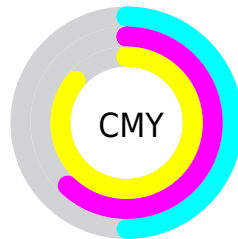
- Red (50%)
- Green (38%)
- Blue (14%)



- Red (32%)
- Yellow (50%)
- Blue (14%)



- Cyan (0%)
- Magenta (24%)
- Yellow (72%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 38.520, 81.990 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, 38.520, 81.990 by changing the saturation by 10% instead.

■ 43, 38.520, 81.990

■ 43, 38.520, 81.990

■ 100, 38.520,
81.990

■ 33, 38.520, 81.990

■ 63, 38.520, 81.990

■ 23, 38.520, 81.990

■ 73, 38.520, 81.990

■ 13, 38.520, 81.990

■ 83, 38.520, 81.990

■ 3, 38.520, 81.990

■ 93, 38.520, 81.990

■ 0, 38.520, 81.990

■ 43, 38.520, 81.990

■ 43, 38.520, 81.990

■ 42, 43.112, 80.386

■ 44, 33.348, 83.464

■ 41, 46.665, 78.530

■ 46, 27.908, 84.859

40, 49.251, 76.971

47, 22.386, 86.206

48, 16.883, 87.513

50, 11.450, 88.782

51, 6.113, 90.005

53, 0.879, 91.033

54, 4.250, 272.418

56, 9.280, 273.500

Harmonies

Complementary

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



43, 38.520, 81.990



29, 39.417, 286.161

Rectangle

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



43, 38.520, 81.990



43, 38.520, 131.990



43, 38.520, 261.990



43, 38.520, 311.990

Sweetspot

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



43, 38.520, 81.993



64, 14.448, 88.680



30, 41.529, 4.940



33, 9.805, 88.401



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 38.520, 81.993



53, 55.317, 79.247



50, 48.854, 112.298



26, 2.945, 90.313



40, 49.425, 76.956



0, 0.000, 0.000

Inverse Universe

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



29, 39.417, 286.161



33, 59.932, 291.657



22, 59.527, 304.441



25, 2.947, 272.595



21, 56.947, 295.635



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 38.520, 81.990 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, 38.520, 81.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

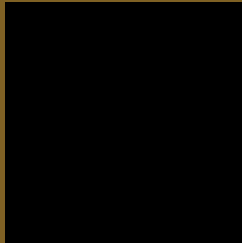
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 38.520, 81.990

Background



This preview shows how black text looks on a background with the CIELCh color 43, 38.520, 81.990.



This preview shows how white text looks on a background with the CIELCh color 43, 38.520, 81.990.

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, 38.520, 81.990

Protanopia

43, 37.461, 95.615

Deuteranopia

43, 38.520, 81.990



Tritanopia
43, 17.701, 8.398

Trichromacy



Original Color
43, 38.520, 81.990

Protanomaly
43, 37.365, 90.194

Deuteranomaly
43, 38.520, 81.990

Tritanomaly
43, 20.242, 52.833

Monochromacy



Original Color
43, 38.520, 81.990

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 14.157, 87.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 38.520, 81.990 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(127, 97, 36)` looks like.

```
.text, #text, p{  
    color:rgb(127, 97, 36)  
}
```

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(127, 97, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 97, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 38.520, 81.990 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(127, 97, 36) }
```

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

```
.border{ border-color:rgb(127, 97, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 97, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 97, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 97, 36);  
box-shadow:4px 4px 4px 4px rgb(127, 97,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 38.520, 81.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 97, 36) }
```

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

```
.background{ background-color: rgb(127, 97,  
36) }
```

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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