

Converting Colors

CIELCh(43, 37.595, 81.612)

Have a look what the booklet for
CIELCh(43, 37.595, 81.612) contains.

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Color

CIELCh(43, 37.595, 81.602)

Conversions

Conversions Part 1

Format	Color
Hex	7F6126
RGB	127, 97, 38
RGB Percent	50%, 38%, 15%
CMY	0.5027, 0.6202, 0.8516
CMYK	0.00, 0.24, 0.70, 0.50
HSL	40°, 54%, 32%
HSV	40°, 70%, 50%
XYZ	13.3337, 13.1578, 3.6576
YIQ	99.2440, 36.8190, -11.9890

Conversions

Conversions Part 2

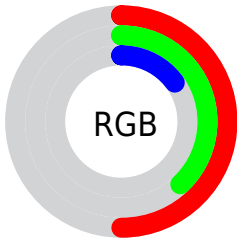
Format	Color
R_{YB}	83, 127, 38
Decimal	8347942
CIE Lab	43.00, 5.49, 37.19
CIE LCh	43, 37.595, 81.602
Yxy	13.1578, 0.4423, 0.4364
Android (android.graphics.Color)	4286538022 (0xFF7F6126)
YUV	99.2440, -30.1933, 24.3420
Hunter-Lab	36.2736, 2.1354, 19.4131

Details

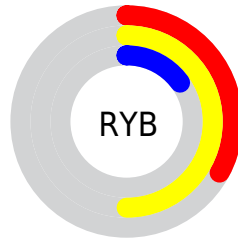
The CIELCh color **43, 37.595, 81.602** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **30, 38.058, 285.150**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 37.419, 81.521**, and **23, 33.011, 79.320** is the 20% darker color. If you saturate the color by 10%, you get **42, 42.324, 80.014**, and if you desaturate by 10%, it is **44, 32.359, 83.069**.

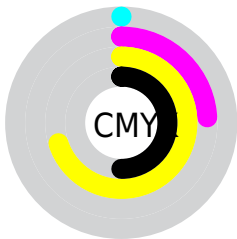
Distribution



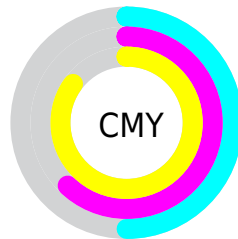
- Red (50%)
- Green (38%)
- Blue (15%)



- Red (33%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (50%)



- Cyan (50%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 37.595, 81.602 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, 37.595, 81.602 by changing the saturation by 10% instead.

■ 43, 37.595, 81.602

■ 43, 37.595, 81.602

■ 100, 37.595,
81.602

■ 33, 37.595, 81.602

■ 63, 37.595, 81.602

■ 23, 37.595, 81.602

■ 73, 37.595, 81.602

■ 13, 37.595, 81.602

■ 83, 37.595, 81.602

■ 3, 37.595, 81.602

■ 93, 37.595, 81.602

■ 0, 37.595, 81.602

■ 43, 37.595, 81.602

■ 43, 37.595, 81.602

■ 42, 42.324, 80.014

■ 44, 32.359, 83.069

■ 41, 46.108, 78.187

■ 46, 26.904, 84.460

39, 49.205, 76.298

47, 21.397, 85.805

49, 15.927, 87.110

50, 10.539, 88.377

52, 5.252, 89.594

53, 0.074, 88.476

55, 4.997, 272.002

56, 9.966, 273.085

Harmonies

Complementary

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



43, 37.595, 81.602



30, 38.058, 285.150

Rectangle

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



43, 37.595, 81.602



43, 37.595, 131.602



43, 37.595, 261.602



43, 37.595, 311.602

Sweetspot

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



43, 37.595, 81.605



64, 13.685, 88.209



30, 40.886, 3.190



33, 9.357, 87.921



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, 37.595, 81.605



53, 54.321, 78.983



50, 47.927, 111.543



26, 2.923, 89.718



40, 49.394, 76.281



0, 0.000, 0.000

Inverse Universe

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



30, 38.058, 285.150



34, 57.718, 290.464



22, 58.236, 303.903



25, 2.923, 272.010



21, 56.278, 295.207



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 37.595, 81.602 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, 37.595, 81.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

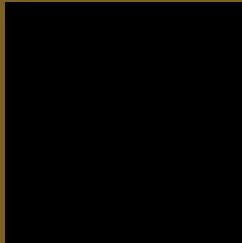
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 37.595, 81.602

Background



This preview shows how black text looks on a background with the CIELCh color 43, 37.595, 81.602.



This preview shows how white text looks on a background with the CIELCh color 43, 37.595, 81.602.

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, 37.595, 81.602

Protanopia

43, 36.502, 95.540

Deuteranopia

43, 37.595, 81.602



Tritanopia
43, 17.701, 8.398

Trichromacy



Original Color
43, 37.595, 81.602

Protanomaly
43, 36.409, 89.986

Deuteranomaly
43, 37.595, 81.602

Tritanomaly
43, 19.866, 51.548

Monochromacy



Original Color
43, 37.595, 81.602

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 13.595, 86.709

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 37.595, 81.602 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, 38)` looks like.

```
.text, #text, p{  
    color:rgb(127, 97, 38)  
}
```

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, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 97, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 37.595, 81.602 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, 38) }
```

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

```
.border{ border-color:rgb(127, 97, 38) }
```

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, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 97, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 97, 38);  
box-shadow:4px 4px 4px 4px rgb(127, 97,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 37.595, 81.602 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, 38) }
```

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

```
.background{ background-color: rgb(127, 97,  
38) }
```

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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