

Converting Colors

CIELCh(43, 37.595, 91.337)

Have a look what the booklet for
CIELCh(43, 37.595, 91.337) contains.

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Color

CIELCh(43, 37.697, 91.015)

Conversions

Conversions Part 1

Format	Color
Hex	766424
RGB	118, 100, 36
RGB Percent	46%, 39%, 14%
CMY	0.5363, 0.6069, 0.8579
CMYK	0.00, 0.15, 0.69, 0.54
HSL	47°, 53%, 30%
HSV	47°, 69%, 46%
XYZ	12.4078, 13.1578, 3.5734
YIQ	98.0860, 31.2720, -16.0880

Conversions

Conversions Part 2

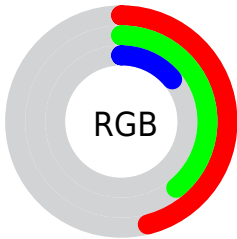
Format	Color
RYB	59, 118, 36
Decimal	7758884
CIELab	43.00, -0.67, 37.69
CIElCh	43, 37.697, 91.015
Yxy	13.1578, 0.4258, 0.4516
Android (android.graphics.Color)	4285948964 (0xFF766424)
YUV	98.0860, -30.6084, 17.4646
Hunter-Lab	36.2736, -2.4209, 19.5507

Details

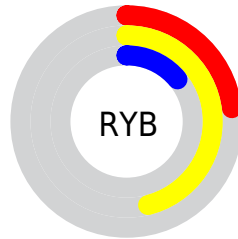
The CIELCh color **43, 37.697, 91.015** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **25, 42.002, 291.989**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 38.030, 91.078**, and **23, 32.001, 90.219** is the 20% darker color. If you saturate the color by 10%, you get **42, 42.055, 89.732**, and if you desaturate by 10%, it is **44, 32.711, 92.265**.

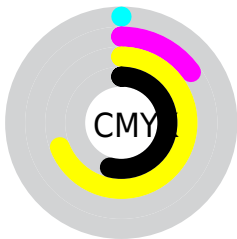
Distribution



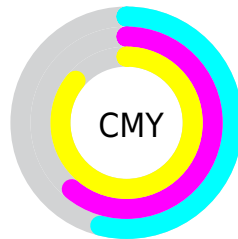
- Red (46%)
- Green (39%)
- Blue (14%)



- Red (23%)
- Yellow (46%)
- Blue (14%)



- Cyan (0%)
- Magenta (15%)
- Yellow (69%)
- Black (54%)



- Cyan (54%)
- Magenta (61%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 37.697, 91.015 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, 37.697, 91.015 by changing the saturation by 10% instead.

■ 43, 37.697, 91.015

■ 43, 37.697, 91.015

■ 100, 37.697,
91.015

■ 33, 37.697, 91.015

■ 63, 37.697, 91.015

■ 23, 37.697, 91.015

■ 73, 37.697, 91.015

■ 13, 37.697, 91.015

■ 83, 37.697, 91.015

■ 3, 37.697, 91.015

■ 93, 37.697, 91.015

■ 0, 37.697, 91.015

■ 43, 37.697, 91.015

■ 43, 37.697, 91.015

■ 42, 42.055, 89.732

■ 44, 32.711, 92.265

■ 41, 45.403, 88.368

■ 45, 27.374, 93.490

■ 41, 48.006, 86.969

■ 46, 21.863, 94.694

■ 41, 48.191, 86.886

■ 47, 16.286, 95.878

■ 48, 10.703, 97.033

■ 49, 5.149, 98.150

■ 50, 0.357, 279.586

■ 51, 5.806, 280.338

■ 52, 11.195,
281.339

Harmonies

Complementary

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



43, 37.697, 91.015



25, 42.002, 291.989

Rectangle

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



43, 37.697, 91.015



43, 37.697, 141.015



43, 37.697, 271.015



43, 37.697, 321.015

Sweetspot

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



43, 37.697, 91.018



61, 14.348, 96.787



28, 38.112, 11.976



31, 9.661, 96.543



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 37.697, 91.018



54, 53.158, 88.969



47, 45.779, 116.996



24, 3.075, 98.186



42, 49.379, 86.819



81, 83.323, 85.779

Inverse Universe

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



25, 42.002, 291.989



27, 63.476, 296.532



22, 54.036, 306.282



23, 3.104, 280.255



16, 64.338, 300.738



37, 114.624, 302.272

Previews

White Background



This preview shows how the CIELCh color 43, 37.697, 91.015 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, 37.697, 91.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

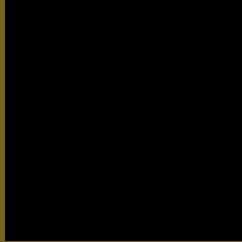
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 37.697, 91.015

Background



This preview shows how black text looks on a background with the CIELCh color 43, 37.697, 91.015.



This preview shows how white text looks on a background with the CIELCh color 43, 37.697, 91.015.

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, 37.697, 91.015

Protanopia

43, 37.461, 95.615

Deuteranopia

43, 38.060, 81.800



Tritanopia
43, 13.002, 2.504

Trichromacy



Original Color
43, 37.697, 91.015

Protanomaly
43, 37.307, 93.281

Deuteranomaly
43, 37.659, 84.789

Tritanomaly
43, 16.373, 63.882

Monochromacy



Original Color
43, 37.697, 91.015

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 14.058, 96.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 37.697, 91.015 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(118, 100, 36)` looks like.

```
.text, #text, p{  
    color:rgb(118, 100, 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(118, 100, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 100, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 37.697, 91.015 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(118, 100, 36) }
```

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

```
.border{ border-color:rgb(118, 100, 36) }
```

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

Here you see how a box with a 4 pixel rgb(118, 100, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 100, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 100, 36);  
box-shadow:4px 4px 4px 4px rgb(118, 100,  
36) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 37.697, 91.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 100, 36) }
```

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

```
.background{ background-color: rgb(118,  
100, 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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