

Converting Colors

CIELCh(43, 37.071, 101.452)

Have a look what the booklet for
CIELCh(43, 37.071, 101.452)
contains.

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Color

CIELCh(43, 37.427, 101.682)

Conversions

Conversions Part 1

Format	Color
Hex	6C6826
RGB	108, 104, 38
RGB Percent	42%, 41%, 15%
CMY	0.5775, 0.5932, 0.8520
CMYK	0.00, 0.04, 0.65, 0.58
HSL	57°, 48%, 29%
HSV	57°, 65%, 42%
XYZ	11.4210, 13.1578, 3.7503
YIQ	97.6720, 23.5700, -19.6780

Conversions

Conversions Part 2

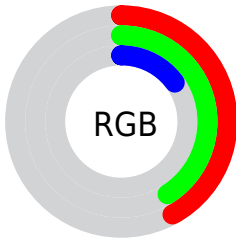
Format	Color
R_{YB}	42, 108, 38
Decimal	7104550
CIE Lab	43.00, -7.58, 36.65
CIE LCh	43, 37.427, 101.682
Yxy	13.1578, 0.4032, 0.4645
Android (android.graphics.Color)	4285294630 (0xFF6C6826)
YUV	97.6720, -29.4183, 9.0577
Hunter-Lab	36.2736, -7.2767, 19.2617

Details

The CIELCh color **43, 37.427, 101.682** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **21, 44.291, 297.932**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 37.596, 101.988**, and **23, 32.403, 102.281** is the 20% darker color. If you saturate the color by 10%, you get **43, 41.945, 100.885**, and if you desaturate by 10%, it is **43, 32.286, 102.559**.

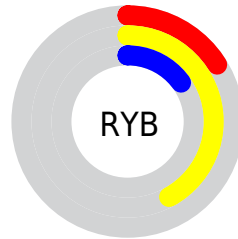
Distribution



Red (42%)

Green (41%)

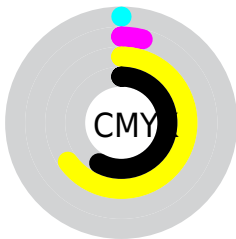
Blue (15%)



Red (16%)

Yellow (42%)

Blue (15%)

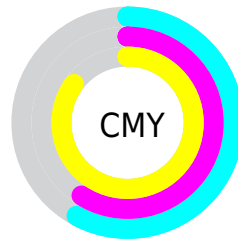


Cyan (0%)

Magenta (4%)

Yellow (65%)

Black (58%)



Cyan (58%)

Magenta (59%)

Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 37.427, 101.682 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, 37.427, 101.682 by changing the saturation by 10% instead.


 43, 37.427,
101.682


 43, 37.427,
101.682


 100, 37.427,
101.682


 33, 37.427,
101.682

 63, 37.427,
101.682


 23, 37.427,
101.682

 73, 37.427,
101.682

 13, 37.427,
101.682

 83, 37.427,
101.682

 3, 37.427, 101.682

 93, 37.427,
101.682

 0, 37.427, 101.682

 43, 37.427,

 43, 37.427,

101.682

101.682

■ 43, 41.945,
100.885

■ 43, 32.286,
102.559

■ 42, 45.555,
100.185

■ 44, 26.743,
103.484

■ 42, 48.124, 99.590

■ 44, 20.956,
104.440

■ 42, 49.406, 99.299

■ 44, 15.028,
105.407

■ 45, 9.025, 106.373

■ 45, 2.989, 107.317

■ 46, 3.052, 288.288

■ 46, 9.081, 289.184

■ 47, 15.086,
290.056

Harmonies

Complementary

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



43, 37.427, 101.682



21, 44.291, 297.932

Rectangle

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



43, 37.427, 101.682



43, 37.427, 151.682



43, 37.427, 281.682



43, 37.427, 331.682

Sweetspot

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



43, 37.427, 101.685



57, 14.226, 105.933



26, 34.343, 23.166



30, 9.862, 105.720



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 37.427, 101.685



55, 53.114, 100.509



42, 41.835, 123.963



22, 3.375, 106.945



46, 52.472, 99.264



90, 90.089, 99.040

Inverse Universe

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



21, 44.291, 297.932



22, 67.208, 301.381



23, 46.711, 310.241



20, 3.436, 288.708



12, 72.295, 305.122



32, 127.423, 305.791

Previews

White Background



This preview shows how the CIELCh color 43, 37.427, 101.682 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, 37.427, 101.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

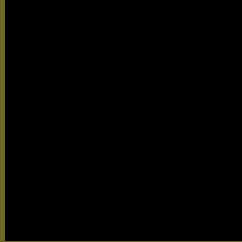
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 37.427, 101.682

Background



This preview shows how black text looks on a background with the CIELCh color 43, 37.427, 101.682.



This preview shows how white text looks on a background with the CIELCh color 43, 37.427, 101.682.

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, 37.427, 101.682

Protanopia

43, 37.375, 96.359

Deuteranopia

43, 36.427, 81.873



Tritanopia
43, 8.564, 346.480

Trichromacy



Original Color
43, 37.427, 101.682

Protanomaly
43, 37.621, 98.658

Deuteranomaly
43, 36.104, 89.056

Tritanomaly
43, 12.317, 80.204

Monochromacy



Original Color
43, 37.427, 101.682

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 14.413, 104.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 37.427, 101.682 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(108, 104, 38)` looks like.

```
.text, #text, p{  
    color:rgb(108, 104, 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(108, 104, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 104, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 37.427, 101.682 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(108, 104, 38) }
```

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

```
.border{ border-color:rgb(108, 104, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 104, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 104, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 104, 38);  
box-shadow:4px 4px 4px 4px rgb(108, 104,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 37.427, 101.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 104, 38) }
```

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

```
.background{ background-color: rgb(108,  
104, 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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