

Converting Colors

CIELCh(43, 47.368, 101.061)

Have a look what the booklet for
CIELCh(43, 47.368, 101.061)
contains.

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Color

CIELCh(43, 47.262, 100.853)

Conversions

Conversions Part 1

Format	Color
Hex	6C680C
RGB	108, 104, 12
RGB Percent	42%, 41%, 5%
CMY	0.5758, 0.5915, 0.9520
CMYK	0.00, 0.04, 0.89, 0.58
HSL	57°, 80%, 24%
HSV	57°, 89%, 42%
XYZ	11.2386, 13.1578, 2.3026
YIQ	94.7080, 31.9160, -27.7640

Conversions

Conversions Part 2

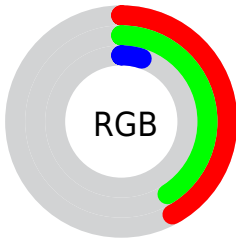
Format	Color
RYB	16, 108, 12
Decimal	7104524
CIELab	43.00, -8.90, 46.42
CIELCh	43, 47.262, 100.853
Yxy	13.1578, 0.4209, 0.4928
Android (android.graphics.Color)	4285294604 (0xFF6C680C)
YUV	94.7080, -40.7750, 11.6571
Hunter-Lab	36.2736, -8.1744, 21.6279

Details

The CIELCh color $43, 47.262, 100.853$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $13, 62.453, 303.586$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 47.420, 101.121$, and $23, 32.388, 103.258$ is the 20% darker color. If you saturate the color by 10%, you get $43, 49.718, 100.345$, and if you desaturate by 10%, it is $43, 44.048, 101.454$.

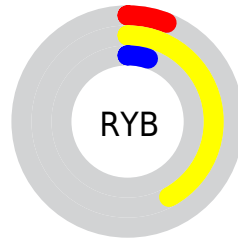
Distribution



Red (42%)

Green (41%)

Blue (5%)



Red (6%)

Yellow (42%)

Blue (5%)

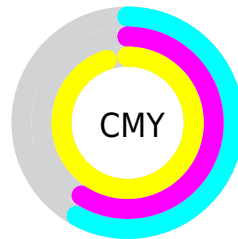


Cyan (0%)

Magenta (4%)

Yellow (89%)

Black (58%)



Cyan (58%)


Magenta (59%)

Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 47.262, 100.853 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, 47.262, 100.853 by changing the saturation by 10% instead.


 43, 47.262,
100.853


 43, 47.262,
100.853


 100, 47.262,
100.853


 33, 47.262,
100.853

 63, 47.262,
100.853


 23, 47.262,
100.853

 73, 47.262,
100.853

 13, 47.262,
100.853

 83, 47.262,
100.853

 3, 47.262, 100.853

 93, 47.262,
100.853

 0, 47.262, 100.853

 43, 47.262,

 43, 47.262,

100.853

■ 43, 49.718,
100.345

■ 43, 50.058,
100.278

100.853

■ 43, 44.048,
101.454

■ 43, 39.802,
102.174

■ 44, 34.814,
102.988

■ 44, 29.332,
103.869

■ 44, 23.540,
104.794

■ 45, 17.562,
105.741

■ 45, 11.479,
106.694

■ 45, 5.342, 107.638

Harmonies

Complementary

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



43, 47.262, 100.853



13, 62.453, 303.586

Rectangle

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



43, 47.262, 100.853



43, 47.262, 150.853



43, 47.262, 280.853



43, 47.262, 330.853

Sweetspot

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



43, 47.262, 100.855



57, 20.463, 105.833



22, 47.552, 32.359



29, 13.880, 105.596



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, 47.262, 100.855



55, 60.275, 100.206



41, 53.038, 124.895



22, 3.427, 107.614



46, 53.015, 100.254



91, 91.074, 100.094

Inverse Universe

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



13, 62.453, 303.586



16, 83.620, 305.589



16, 61.375, 311.331



20, 3.491, 289.356



12, 73.090, 305.428



31, 128.082, 305.934

Previews

White Background



This preview shows how the CIELCh color 43, 47.262, 100.853 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, 47.262, 100.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

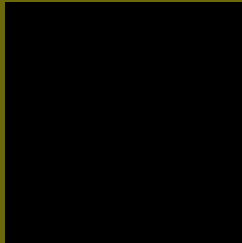
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 47.262, 100.853

Background



This preview shows how black text looks on a background with the CIELCh color 43, 47.262, 100.853.



This preview shows how white text looks on a background with the CIELCh color 43, 47.262, 100.853.

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, 47.262, 100.853

Protanopia

43, 47.222, 95.337

Deuteranopia

43, 45.365, 82.854



Tritanopia
43, 8.625, 351.475

Trichromacy



Original Color
43, 47.262, 100.853

Protanomaly
43, 47.386, 97.199

Deuteranomaly
43, 45.402, 89.446

Tritanomaly
43, 18.372, 88.466

Monochromacy



Original Color
43, 47.262, 100.853

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 19.733, 104.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 47.262, 100.853 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, 12)` looks like.

```
.text, #text, p{  
    color:rgb(108, 104, 12)  
}
```

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, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 104, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 47.262, 100.853 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, 12) }
```

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

```
.border{ border-color:rgb(108, 104, 12) }
```

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, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 104, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 104, 12);  
box-shadow:4px 4px 4px 4px rgb(108, 104,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 47.262, 100.853 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, 12) }
```

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

```
.background{ background-color: rgb(108,  
104, 12) }
```

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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