

Converting Colors

CIELCh(43, 50.237, 101.881)

Have a look what the booklet for
CIELCh(43, 50.237, 101.881)
contains.

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Color

CIELCh(43, 50.228, 101.756)

Conversions

Conversions Part 1

Format	Color
Hex	6B6901
RGB	107, 105, 1
RGB Percent	42%, 41%, 0%
CMY	0.5815, 0.5893, 0.9975
CMYK	0.00, 0.02, 0.99, 0.58
HSL	59°, 99%, 21%
HSV	59°, 99%, 42%
XYZ	11.0562, 13.1578, 1.9751
YIQ	93.7420, 34.5760, -31.9200

Conversions

Conversions Part 2

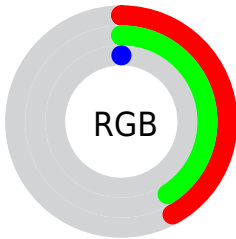
Format	Color
RYB	3, 107, 1
Decimal	7039233
CIELab	43.00, -10.23, 49.17
CIELCh	43, 50.228, 101.756
Yxy	13.1578, 0.4222, 0.5024
Android (android.graphics.Color)	4285229313 (0xFF6B6901)
YUV	93.7420, -45.7218, 11.6273
Hunter-Lab	36.2736, -9.0719, 22.1633

Details

The CIELCh color **43, 50.228, 101.756** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **10, 69.034, 305.762**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 50.093, 101.561**, and **23, 32.878, 105.121** is the 20% darker color. If you saturate the color by 10%, you get **43, 50.383, 101.733**, and if you desaturate by 10%, it is **43, 47.747, 102.172**.

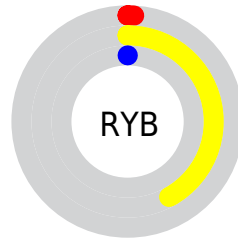
Distribution



Red (42%)

Green (41%)

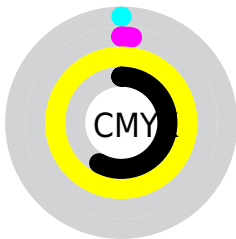
Blue (0%)



Red (1%)

Yellow (42%)

Blue (0%)

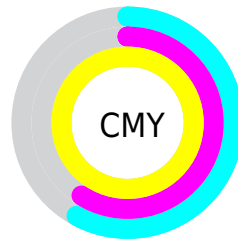


Cyan (0%)

Magenta (2%)

Yellow (99%)

Black (58%)



Cyan (58%)


Magenta (59%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 50.228, 101.756 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, 50.228, 101.756 by changing the saturation by 10% instead.


 43, 50.228,
101.756


 43, 50.228,
101.756


 100, 50.228,
101.756

 33, 50.228,
101.756

 63, 50.228,
101.756


 23, 50.228,
101.756

 73, 50.228,
101.756

 13, 50.228,
101.756

 83, 50.228,
101.756

 3, 50.228, 101.756

 93, 50.228,
101.756

 0, 50.228, 101.756

 43, 50.228,

 43, 50.228,

101.756

■ 43, 50.383,
101.733

101.756

■ 43, 47.747,
102.172

■ 43, 44.615,
102.674

■ 43, 40.435,
103.316

■ 44, 35.486,
104.070

■ 44, 30.013,
104.904

■ 44, 24.205,
105.791

■ 44, 18.190,
106.708

■ 44, 12.054,
107.637

Harmonies

Complementary

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



43, 50.228, 101.756



10, 69.034, 305.762

Rectangle

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



43, 50.228, 101.756



43, 50.228, 151.756



43, 50.228, 281.756



43, 50.228, 331.756

Sweetspot

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



43, 50.228, 101.758



56, 22.861, 106.578



21, 51.532, 35.137



28, 15.450, 106.299



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 50.228, 101.758



55, 60.467, 101.702



40, 56.217, 126.040



22, 3.508, 108.602



47, 53.882, 101.721



93, 92.647, 101.653

Inverse Universe

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



10, 69.034, 305.762



15, 83.651, 305.968



14, 65.534, 311.723



20, 3.576, 290.312



12, 74.349, 305.903



31, 128.996, 306.130

Previews

White Background



This preview shows how the CIELCh color 43, 50.228, 101.756 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, 50.228, 101.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

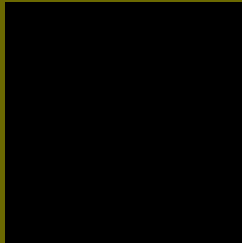
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 50.228, 101.756

Background



This preview shows how black text looks on a background with the CIELCh color 43, 50.228, 101.756.



This preview shows how white text looks on a background with the CIELCh color 43, 50.228, 101.756.

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, 50.228, 101.756

Protanopia

43, 49.907, 95.359

Deuteranopia

43, 46.612, 83.199



Tritanopia
43, 8.221, 344.763

Trichromacy



Original Color
43, 50.228, 101.756

Protanomaly
43, 50.000, 97.699

Deuteranomaly
43, 47.198, 90.295

Tritanomaly
43, 20.345, 92.610

Monochromacy



Original Color
43, 50.228, 101.756

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 22.644, 105.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 50.228, 101.756 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(107, 105, 1)` looks like.

```
.text, #text, p{  
    color:rgb(107, 105, 1)  
}
```

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(107, 105, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 105, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 50.228, 101.756 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(107, 105, 1) }
```

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

```
.border{ border-color:rgb(107, 105, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 105, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 105, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 105, 1);  
box-shadow:4px 4px 4px 4px rgb(107, 105,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 50.228, 101.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 105, 1) }
```

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

```
.background{ background-color: rgb(107,  
105, 1) }
```

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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