

Converting Colors

CIELCh(43, 64.758, 106.863)

Have a look what the booklet for
CIELCh(43, 64.758, 106.863)
contains.

CIELCh(43, 51.962, 109.830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 51.962, 109.830)

Conversions

Conversions Part 1

Format	Color
Hex	5F6C00
RGB	95, 108, 0
RGB Percent	37%, 42%, 0%
CMY	0.6275, 0.5765, 1.0000
CMYK	0.12, 0.00, 1.00, 0.58
HSL	67°, 100%, 21%
HSV	67°, 100%, 42%
XYZ	10.0816, 13.1578, 2.0084
YIQ	91.8010, 26.9200, -36.3440

Conversions

Conversions Part 2

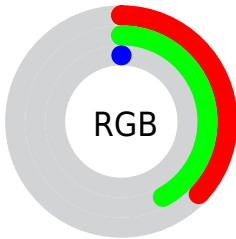
Format	Color
RYB	0, 108, 13
Decimal	6253568
CIELab	43.00, -17.63, 48.88
CIElCh	43, 51.962, 109.830
Yxy	13.1578, 0.3993, 0.5211
Android (android.graphics.Color)	4284443648 (0xFF5F6C00)
YUV	91.8010, -45.2579, 2.8055
Hunter-Lab	36.2736, -13.8678, 22.1088

Details

The CIELCh color **43, 51.962, 109.830** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **10, 70.325, 306.969**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 51.924, 109.476**, and **23, 35.481, 117.650** is the 20% darker color. If you saturate the color by 10%, you get **43, 51.963, 109.832**, and if you desaturate by 10%, it is **43, 49.379, 109.783**.

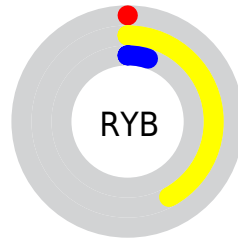
Distribution



Red (37%)

Green (42%)

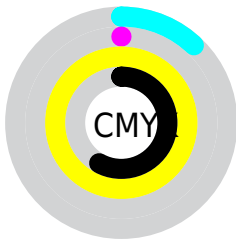
Blue (0%)



Red (0%)

Yellow (42%)

Blue (5%)

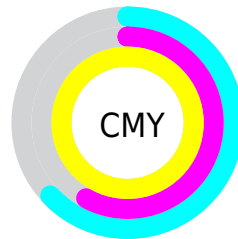


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (63%)


Magenta (58%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 51.962, 109.830 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, 51.962, 109.830 by changing the saturation by 10% instead.


 43, 51.962,
109.830


 43, 51.962,
109.830


 100, 51.962,
109.830


 33, 51.962,
109.830

 63, 51.962,
109.830


 23, 51.962,
109.830

 73, 51.962,
109.830

 13, 51.962,
109.830

 83, 51.962,
109.830

 3, 51.962, 109.830

 93, 51.962,
109.830

 0, 51.962, 109.830

 43, 51.962,

 43, 51.962,

109.830

■ 43, 51.963,
109.832

109.830

■ 43, 49.379,
109.783

■ 43, 46.199,
109.851

■ 43, 41.951,
110.162

■ 44, 36.903,
110.651

■ 44, 31.304,
111.262

■ 44, 25.344,
111.949

■ 45, 19.156,
112.678

■ 45, 12.831,
113.424

Harmonies

Complementary

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



43, 51.962, 109.830



10, 70.325, 306.969

Rectangle

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



43, 51.962, 109.830



43, 51.962, 159.830



43, 51.962, 289.830



43, 51.962, 339.830

Sweetspot

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



43, 51.962, 109.832



57, 23.729, 112.617



22, 51.415, 39.666



29, 16.279, 112.383



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, 51.962, 109.832



55, 62.715, 110.016



40, 59.534, 130.636



22, 3.590, 114.247



47, 55.116, 109.894



92, 94.944, 110.296

Inverse Universe

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



10, 70.325, 306.969



16, 85.031, 306.824



17, 64.427, 315.394



20, 3.661, 295.601



12, 74.643, 306.918



31, 129.004, 306.639

Previews

White Background



This preview shows how the CIELCh color 43, 51.962, 109.830 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, 51.962, 109.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

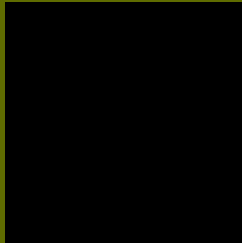
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 51.962, 109.830

Background



This preview shows how black text looks on a background with the CIELCh color 43, 51.962, 109.830.



This preview shows how white text looks on a background with the CIELCh color 43, 51.962, 109.830.

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, 51.962, 109.830

Protanopia

43, 49.907, 95.359

Deuteranopia

43, 45.692, 82.947



Tritanopia
43, 4.990, 304.940

Trichromacy



Original Color
43, 51.962, 109.830

Protanomaly
43, 50.167, 100.582

Deuteranomaly
43, 46.750, 93.371

Tritanomaly
43, 20.193, 111.070

Monochromacy



Original Color
43, 51.962, 109.830

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 23.307, 112.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 51.962, 109.830 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(95, 108, 0)` looks like.

```
.text, #text, p{  
    color:rgb(95, 108, 0)  
}
```

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(95, 108, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 108, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 51.962, 109.830 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(95, 108, 0) }
```

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

```
.border{ border-color:rgb(95, 108, 0) }
```

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

Here you see how a box with a 4 pixel rgb(95, 108, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 108, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 108, 0);  
box-shadow:4px 4px 4px 4px rgb(95, 108, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 51.962, 109.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 108, 0) }
```

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

```
.background{ background-color: rgb(95, 108,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor