

Converting Colors

CIELCh(44, 51.676, 101.828)

Have a look what the booklet for
CIELCh(44, 51.676, 101.828)
contains.

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Color

CIELCh(44, 51.154, 101.746)

Conversions

Conversions Part 1

Format	Color
Hex	6D6B00
RGB	109, 107, 0
RGB Percent	43%, 42%, 0%
CMY	0.5715, 0.5794, 0.9986
CMYK	0.00, 0.02, 1.00, 0.57
HSL	59°, 99%, 21%
HSV	59°, 100%, 43%
XYZ	11.6271, 13.8382, 2.0685
YIQ	95.4000, 35.5390, -32.8530

Conversions

Conversions Part 2

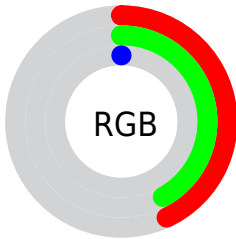
Format	Color
RYB	2, 109, 0
Decimal	7170816
CIELab	44.00, -10.41, 50.08
CIELCh	44, 51.154, 101.746
Yxy	13.8382, 0.4223, 0.5026
Android (android.graphics.Color)	4285360896 (0xFF6D6B00)
YUV	95.4000, -47.0322, 11.9272
Hunter-Lab	37.1997, -9.3079, 22.7430

Details

The CIELCh color **44, 51.154, 101.746** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **10, 70.410, 305.819**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 50.952, 101.576**, and **24, 33.846, 105.886** is the 20% darker color. If you saturate the color by 10%, you get **44, 51.240, 101.734**, and if you desaturate by 10%, it is **44, 48.690, 102.154**.

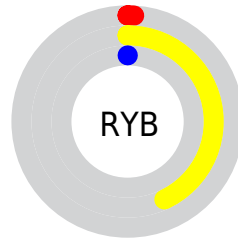
Distribution



Red (43%)

Green (42%)

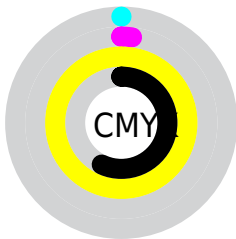
Blue (0%)



Red (1%)

Yellow (43%)

Blue (0%)

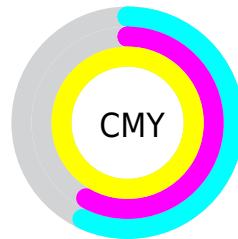


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (58%)

Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 51.154, 101.746 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 44, 51.154, 101.746 by changing the saturation by 10% instead.


 44, 51.154,
101.746


 44, 51.154,
101.746


 100, 51.154,
101.746

 34, 51.154,
101.746

 64, 51.154,
101.746


 24, 51.154,
101.746

 74, 51.154,
101.746

 14, 51.154,
101.746

 84, 51.154,
101.746

 4, 51.154, 101.746

 94, 51.154,
101.746

 0, 51.154, 101.746

 44, 51.154,

 44, 51.154,

101.746

■ 44, 51.240,
101.734

101.746

■ 44, 48.690,
102.154

■ 44, 45.555,
102.650

■ 44, 41.336,
103.288

■ 45, 36.318,
104.040

■ 45, 30.755,
104.873

■ 45, 24.842,
105.760

■ 45, 18.714,
106.679

■ 45, 12.459,
107.610

Harmonies

Complementary

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



44, 51.154, 101.746



10, 70.410, 305.819

Rectangle

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



44, 51.154, 101.746



44, 51.154, 151.746



44, 51.154, 281.746



44, 51.154, 331.746

Sweetspot

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



44, 51.154, 101.748



58, 23.552, 106.572



21, 52.688, 35.450



30, 15.925, 106.283



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



44, 51.154, 101.748



57, 62.088, 101.703



41, 57.286, 126.094



22, 3.508, 108.605



47, 53.885, 101.725



93, 92.652, 101.658

Inverse Universe

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



10, 70.410, 305.819



16, 85.938, 305.983



15, 66.805, 311.698



20, 3.577, 290.315



12, 74.354, 305.905



31, 128.999, 306.130

Previews

White Background



This preview shows how the CIELCh color 44, 51.154, 101.746 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 CIE LCh color 44, 51.154, 101.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

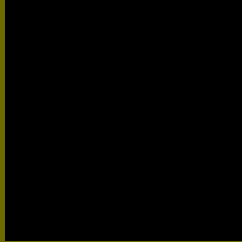
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 51.154, 101.746

Background



This preview shows how black text looks on a background with the CIELCh color 44, 51.154, 101.746.



This preview shows how white text looks on a background with the CIELCh color 44, 51.154, 101.746.

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


44, 51.154, 101.746

Protanopia

44, 50.653, 94.924

Deuteranopia

44, 47.393, 83.667



Tritanopia
44, 7.860, 348.308

Trichromacy



Original Color
44, 51.154, 101.746

Protanomaly
44, 50.726, 97.224

Deuteranomaly
44, 48.275, 90.633

Tritanomaly
44, 21.376, 93.270

Monochromacy



Original Color
44, 51.154, 101.746

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 23.116, 105.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 51.154, 101.746 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(109, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 107, 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(109, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 107, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 51.154, 101.746 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(109, 107, 0) }
```

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

```
.border{ border-color:rgb(109, 107, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 107, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 107,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 51.154, 101.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 107, 0) }
```

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

```
.background{ background-color: rgb(109,  
107, 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](#).

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