

Converting Colors

CIELCh(47, 54.754, 106.573)

Have a look what the booklet for
CIELCh(47, 54.754, 106.573)
contains.

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Color

CIELCh(47, 54.641, 106.394)

Conversions

Conversions Part 1

Format	Color
Hex	6E7500
RGB	110, 117, 0
RGB Percent	43%, 46%, 0%
CMY	0.5689, 0.5414, 1.0000
CMYK	0.06, 0.00, 1.00, 0.54
HSL	64°, 100%, 23%
HSV	64°, 100%, 46%
XYZ	12.7764, 16.0195, 2.4161
YIQ	101.5690, 33.3850, -37.8710

Conversions

Conversions Part 2

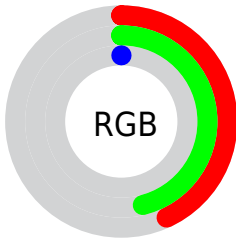
Format	Color
RYB	0, 117, 7
Decimal	7238912
CIELab	47.00, -15.42, 52.42
CIELCh	47, 54.641, 106.394
Yxy	16.0195, 0.4093, 0.5132
Android (android.graphics.Color)	4285428992 (0xFF6E7500)
YUV	101.5690, -50.0735, 7.3940
Hunter-Lab	40.0243, -13.0625, 24.4380

Details

The CIELCh color **47, 54.641, 106.394** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **11, 74.862, 306.591**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 54.675, 106.355**, and **27, 38.209, 111.554** is the 20% darker color. If you saturate the color by 10%, you get **47, 54.622, 106.399**, and if you desaturate by 10%, it is **47, 52.160, 106.495**.

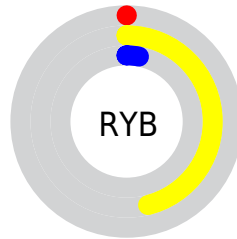
Distribution



Red (43%)

Green (46%)

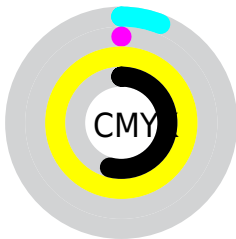
Blue (0%)



Red (0%)

Yellow (46%)

Blue (3%)

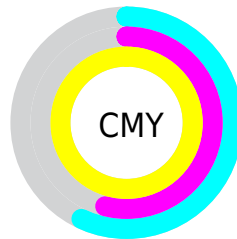


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (57%)

Magenta (54%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 54.641, 106.394 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 47, 54.641, 106.394 by changing the saturation by 10% instead.


 47, 54.641,
106.394

 47, 54.641,
106.394


 100, 54.641,
106.394

 37, 54.641,
106.394

 67, 54.641,
106.394


 27, 54.641,
106.394

 77, 54.641,
106.394

 17, 54.641,
106.394

 87, 54.641,
106.394

 7, 54.641, 106.394

 97, 54.641,
106.394

 0, 54.641, 106.394

 47, 54.641,

 47, 54.641,

106.394

106.394

■ 47, 54.622,
106.399

■ 47, 52.160,
106.495

■ 47, 48.921,
106.720

■ 47, 44.502,
107.153

■ 48, 39.194,
107.745

■ 48, 33.274,
108.448

■ 48, 26.952,
109.223

■ 48, 20.379,
110.040

■ 49, 13.655,
110.874

Harmonies

Complementary

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



47, 54.641, 106.394



11, 74.862, 306.591

Rectangle

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



47, 54.641, 106.394



47, 54.641, 156.394



47, 54.641, 286.394



47, 54.641, 336.394

Sweetspot

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



47, 54.622, 106.399



62, 25.384, 109.975



23, 56.097, 38.679



32, 17.174, 109.704



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



47, 54.622, 106.399



61, 66.361, 106.490



43, 61.889, 128.952



24, 3.862, 111.787



49, 56.437, 106.416



94, 95.708, 106.611

Inverse Universe

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



11, 74.862, 306.591



17, 91.059, 306.509



17, 69.142, 313.546



22, 3.942, 293.330



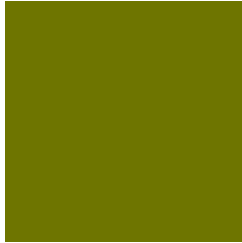
12, 77.366, 306.576



32, 131.508, 306.414

Previews

White Background



This preview shows how the CIELCh color 47, 54.641, 106.394 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 47, 54.641, 106.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

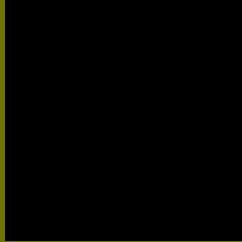
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 54.641, 106.394

Background



This preview shows how black text looks on a background with the CIELCh color 47, 54.641, 106.394.



This preview shows how white text looks on a background with the CIELCh color 47, 54.641, 106.394.

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

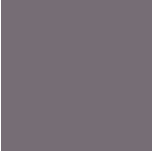
47, 54.641, 106.394

Protanopia

47, 53.311, 95.422

Deuteranopia

47, 49.591, 83.051



Tritanopia
47, 5.998, 328.000

Trichromacy



Original Color
47, 54.641, 106.394

Protanomaly
47, 53.579, 99.712

Deuteranomaly
47, 50.556, 91.956

Tritanomaly
47, 22.199, 103.558

Monochromacy



Original Color
47, 54.641, 106.394

Achromatopsia
43, 0.006, 296.813

Achromatomaly
44, 24.601, 108.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 54.641, 106.394 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(110, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(110, 117, 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(110, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 117, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 54.641, 106.394 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(110, 117, 0) }
```

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

```
.border{ border-color:rgb(110, 117, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 117, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(110, 117,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 54.641, 106.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 117, 0) }
```

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

```
.background{ background-color: rgb(110,  
117, 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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