

Converting Colors

CIELCh(44, 1.129, 66.738)

Have a look what the booklet for
CIELCh(44, 1.129, 66.738) contains.

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Color

CIELCh(44, 1.445, 74.831)

Conversions

Conversions Part 1

Format	Color
Hex	6A6866
RGB	106, 104, 102
RGB Percent	42%, 41%, 40%
CMY	0.5855, 0.5933, 0.6012
CMYK	0.00, 0.02, 0.04, 0.59
HSL	30°, 2%, 41%
HSV	30°, 4%, 41%
XYZ	13.2106, 13.8382, 14.4662
YIQ	104.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

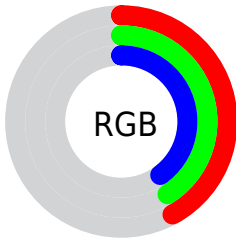
Format	Color
R_{YB}	106, 106, 102
Decimal	6973542
CIE Lab	44.00, 0.38, 1.39
CIE LCh	44, 1.445, 74.831
Yxy	13.8382, 0.3182, 0.3333
Android (android.graphics.Color)	4285163622 (0xFF6A6866)
YUV	104.3700, -1.1684, 1.4295
Hunter-Lab	37.1997, -1.7097, 2.9831

Details

The CIELCh color **44, 1.445, 74.831** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44, 1.442, 256.072**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 1.341, 74.891**, and **24, 1.606, 74.616** is the 20% darker color. If you saturate the color by 10%, you get **42, 5.391, 73.848**, and if you desaturate by 10%, it is **46, 2.340, 256.273**.

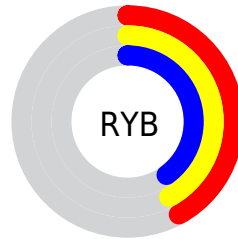
Distribution



Red (42%)

Green (41%)

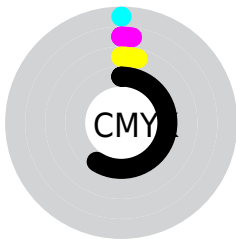
Blue (40%)



Red (42%)

Yellow (42%)

Blue (40%)

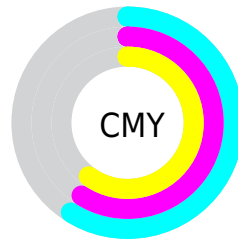


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (59%)



Cyan (59%)

Magenta (59%)









Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 1.445, 74.831 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, 1.445, 74.831 by changing the saturation by 10% instead.

 44, 1.445, 74.831	 44, 1.445, 74.831
 100, 1.445, 74.831	 34, 1.445, 74.831
 64, 1.445, 74.831	 24, 1.445, 74.831
 74, 1.445, 74.831	 14, 1.445, 74.831
 84, 1.445, 74.831	 4, 1.445, 74.831
 94, 1.445, 74.831	 0, 1.445, 74.831

 44, 1.445, 74.831	 44, 1.445, 74.831
 42, 5.391, 73.848	 46, 2.340, 256.273
 40, 9.511, 72.694	 48, 5.979, 257.312
 39, 13.816, 71.516	 50, 9.488, 258.362

■ 37, 18.306, 70.326

■ 51, 12.881,
259.383

■ 35, 22.967, 69.123

■ 53, 16.170,
260.367

■ 34, 27.750, 67.892

■ 32, 32.543, 66.591

■ 55, 19.368,
261.311

■ 31, 37.125, 65.120

■ 57, 22.483,
262.215

■ 29, 41.217, 63.385

■ 59, 25.525,
263.078

■ 61, 28.501,
263.901

Harmonies

Complementary

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



44, 1.445, 74.831



44, 1.442, 256.072

Rectangle

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



44, 1.445, 74.831



44, 1.445, 124.831



44, 1.445, 254.831



44, 1.445, 304.831

Sweetspot

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



44, 1.445, 74.885



57, 0.468, 74.762



43, 2.056, 343.817



29, 0.264, 74.716



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



44, 1.445, 74.885



56, 2.382, 74.772



45, 2.378, 109.821



22, 1.308, 74.750



32, 47.608, 62.232



65, 82.934, 59.915

Inverse Universe

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



44, 1.442, 256.072



56, 2.364, 256.195



43, 2.408, 290.543



22, 1.297, 256.219



25, 39.162, 282.137



52, 71.337, 284.972

Previews

White Background



This preview shows how the CIELCh color 44, 1.445, 74.831 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, 1.445, 74.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

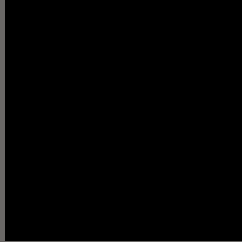
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

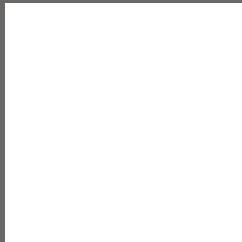
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 1.445, 74.831

Background



This preview shows how black text looks on a background with the CIELCh color 44, 1.445, 74.831.



This preview shows how white text looks on a background with the CIELCh color 44, 1.445, 74.831.

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, 1.445, 74.831

Protanopia

44, 1.445, 74.831

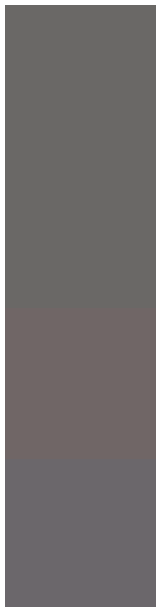
Deuteranopia

44, 5.933, 14.358



Tritanopia
44, 5.236, 313.576

Trichromacy



Original Color

44, 1.445, 74.831

Protanomaly

44, 1.445, 74.831

Deuteranomaly

44, 4.198, 19.852

Tritanomaly

44, 2.922, 324.579

Monochromacy



Original Color

44, 1.445, 74.831

Achromatopsia

44, 0.006, 296.813

Achromatomaly

44, 0.718, 74.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 1.445, 74.831 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(106, 104, 102)` looks like.

```
.text, #text, p{  
    color:rgb(106, 104, 102)  
}
```

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(106, 104, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 104, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 1.445, 74.831 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(106, 104, 102) }
```

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

```
.border{ border-color:rgb(106, 104, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 104, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 104, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 104, 102);  
box-shadow:4px 4px 4px 4px rgb(106, 104,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 1.445, 74.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 104, 102) }
```

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

```
.background{ background-color: rgb(106,  
104, 102) }
```

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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