

Converting Colors

CIELCh(41, 47.865, 94.064)

Have a look what the booklet for
CIELCh(41, 47.865, 94.064) contains.

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Color

CIELCh(41, 48.029, 94.424)

Conversions

Conversions Part 1

Format	Color
Hex	6F6101
RGB	111, 97, 1
RGB Percent	44%, 38%, 0%
CMY	0.5658, 0.6206, 0.9974
CMYK	0.00, 0.13, 0.99, 0.57
HSL	52°, 99%, 22%
HSV	52°, 99%, 43%
XYZ	10.7744, 11.8645, 1.7414
YIQ	90.2420, 39.1600, -26.8880

Conversions

Conversions Part 2

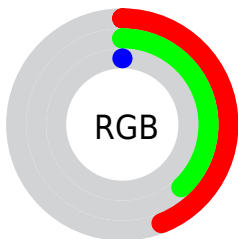
Format	Color
R_{YB}	17, 111, 1
Decimal	7299329
CIE Lab	41.00, -3.70, 47.89
CIE LCh	41, 48.029, 94.424
Yxy	11.8645, 0.4419, 0.4866
Android (android.graphics.Color)	4285489409 (0xFF6F6101)
YUV	90.2420, -43.9963, 18.2048
Hunter-Lab	34.4449, -4.4437, 21.1140

Details

The CIELCh color **41, 48.029, 94.424** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **12, 65.136, 303.355**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 47.914, 94.283**, and **21, 29.805, 94.891** is the 20% darker color. If you saturate the color by 10%, you get **41, 48.192, 94.373**, and if you desaturate by 10%, it is **41, 45.562, 95.335**.

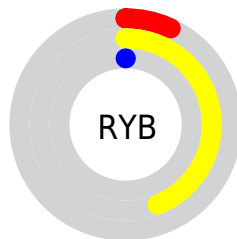
Distribution



Red (44%)

Green (38%)

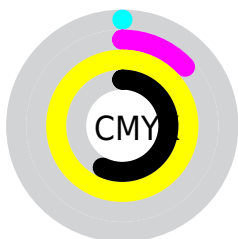
Blue (0%)



Red (7%)

Yellow (44%)

Blue (0%)

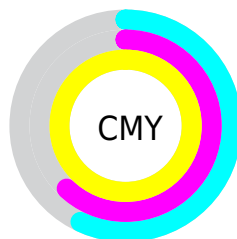


Cyan (0%)

Magenta (13%)

Yellow (99%)

Black (57%)



Cyan (57%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 48.029, 94.424 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 41, 48.029, 94.424 by changing the saturation by 10% instead.

41, 48.029, 94.424

41, 48.029, 94.424

100, 48.029,
94.424

31, 48.029, 94.424

61, 48.029, 94.424

21, 48.029, 94.424

71, 48.029, 94.424

11, 48.029, 94.424

81, 48.029, 94.424

1, 48.029, 94.424

91, 48.029, 94.424

0, 48.029, 94.424

41, 48.029, 94.424

41, 48.029, 94.424

41, 48.192, 94.373

41, 45.562, 95.335

42, 42.424, 96.280

■ 42, 38.261, 97.262

■ 43, 33.403, 98.279

■ 44, 28.112, 99.322

■ 44, 22.569,
100.377

■ 45, 16.891,
101.434

■ 45, 11.151,
102.480

■ 46, 5.393, 103.503

Harmonies

Complementary

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



41, 48.029, 94.424



12, 65.136, 303.355

Rectangle

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



41, 48.029, 94.424



41, 48.029, 144.424



41, 48.029, 274.424



41, 48.029, 324.424

Sweetspot

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



41, 48.028, 94.426



57, 21.236, 101.288



22, 50.794, 31.046



29, 14.377, 100.958



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 48.028, 94.426



52, 57.766, 94.128



42, 55.954, 122.187



23, 3.265, 103.541



44, 50.962, 94.291



86, 86.671, 93.744

Inverse Universe

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



12, 65.136, 303.355



18, 80.154, 304.014



13, 68.637, 309.752



21, 3.314, 285.432



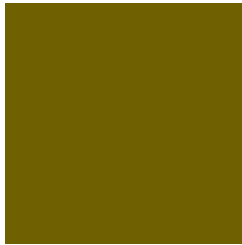
14, 69.744, 303.648



33, 123.743, 304.749

Previews

White Background



This preview shows how the CIELCh color 41, 48.029, 94.424 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 41, 48.029, 94.424 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 41, 48.029, 94.424

Background



This preview shows how black text looks on a background with the CIELCh color 41, 48.029, 94.424.



This preview shows how white text looks on a background with the CIELCh color 41, 48.029, 94.424.

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

41, 48.029, 94.424

Protanopia

41, 47.602, 95.623

Deuteranopia

41, 45.635, 83.836



Tritanopia
41, 11.869, 0.325

Trichromacy



Original Color
41, 48.029, 94.424

Protanomaly
41, 47.677, 95.020

Deuteranomaly
41, 46.325, 87.936

Tritanomaly
41, 21.124, 77.520

Monochromacy



Original Color
41, 48.029, 94.424

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 20.696, 98.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 48.029, 94.424 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(111, 97, 1)` looks like.

```
.text, #text, p{  
    color:rgb(111, 97, 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(111, 97, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 97, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 48.029, 94.424 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(111, 97, 1) }
```

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

```
.border{ border-color:rgb(111, 97, 1) }
```

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

Here you see how a box with a 4 pixel rgb(111, 97, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 97, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 97, 1);  
box-shadow:4px 4px 4px 4px rgb(111, 97, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 48.029, 94.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 97, 1) }
```

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

```
.background{ background-color: rgb(111, 97,  
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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