

Converting Colors

CIELCh(47, 28.464, 130.060)

Have a look what the booklet for
CIELCh(47, 28.464, 130.060)
contains.

CIELCh(47, 28.426, 130.074)	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(47, 28.426, 130.074)

Conversions

Conversions Part 1

Format	Color
Hex	5D774A
RGB	93, 119, 74
RGB Percent	36%, 47%, 29%
CMY	0.6352, 0.5333, 0.7097
CMYK	0.22, 0.00, 0.38, 0.53
HSL	95°, 23%, 38%
HSV	95°, 38%, 47%
XYZ	12.3505, 16.0195, 8.9220
YIQ	106.0960, -1.0510, -19.5070

Conversions

Conversions Part 2

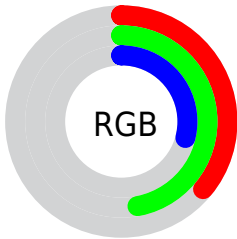
Format	Color
RYB	74, 119, 100
Decimal	6125386
CIELab	47.00, -18.30, 21.75
CIElCh	47, 28.426, 130.074
Yxy	16.0195, 0.3312, 0.4296
Android (android.graphics.Color)	4284315466 (0xFF5D774A)
YUV	106.0960, -15.8233, -11.4852
Hunter-Lab	40.0243, -14.9618, 14.8005

Details

The CIELCh color $47, 28.426, 130.074$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $36, 29.636, 313.376$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $67, 28.357, 129.970$, and $27, 28.019, 129.588$ is the 20% darker color. If you saturate the color by 10%, you get $46, 35.678, 129.620$, and if you desaturate by 10%, it is $48, 20.981, 130.545$.

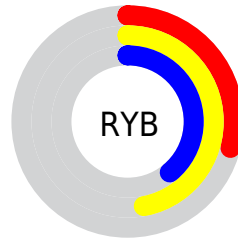
Distribution



Red (36%)

Green (47%)

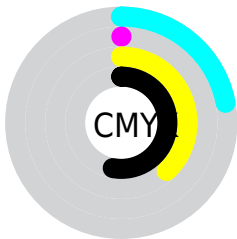
Blue (29%)



Red (29%)

Yellow (47%)

Blue (39%)

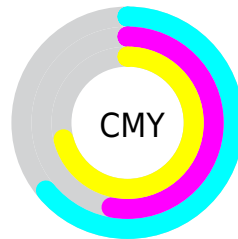


Cyan (22%)

Magenta (0%)

Yellow (38%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 28.426, 130.074 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, 28.426, 130.074 by changing the saturation by 10% instead.

 47, 28.426,
130.074


 47, 28.426,
130.074


 100, 28.426,
130.074


 37, 28.426,
130.074

 67, 28.426,
130.074


 27, 28.426,
130.074

 77, 28.426,
130.074

 17, 28.426,
130.074

 87, 28.426,
130.074

 7, 28.426, 130.074

 97, 28.426,
130.074

 0, 28.426, 130.074

 47, 28.426,

 47, 28.426,

130.074

130.074

■ 46, 35.678,
129.620

■ 48, 20.981,
130.545

■ 46, 42.590,
129.221

■ 48, 13.441,
131.004

■ 45, 48.965,
128.946

■ 49, 5.880, 131.444

■ 45, 54.540,
128.888

■ 50, 1.649, 311.764

■ 51, 9.109, 312.173

■ 44, 59.019,
129.161

■ 52, 16.472,
312.501

■ 44, 62.463,
129.699

■ 53, 23.721,
312.791

■ 44, 63.212,
129.779

■ 54, 30.842,
313.048

■ 56, 37.828,

Harmonies

Complementary

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



47, 28.426, 130.074



36, 29.636, 313.376

Rectangle

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



47, 28.426, 130.074



47, 28.426, 180.074



47, 28.426, 310.074



47, 28.426, 0.074

Sweetspot

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



47, 28.427, 130.075



63, 10.321, 131.293



43, 17.821, 77.548



33, 6.991, 131.247



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



47, 28.427, 130.075



60, 41.874, 129.693



46, 30.914, 143.576



24, 4.188, 131.391



45, 64.526, 129.826



88, 110.403, 130.674

Inverse Universe

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



36, 29.636, 313.376



43, 44.088, 313.748



38, 30.891, 328.322



23, 4.233, 312.088



19, 71.064, 314.203



43, 121.057, 313.604

Previews

White Background



This preview shows how the CIELCh color 47, 28.426, 130.074 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, 28.426, 130.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

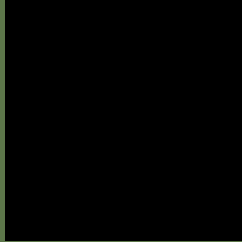
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 28.426, 130.074

Background



This preview shows how black text looks on a background with the CIELCh color 47, 28.426, 130.074.



This preview shows how white text looks on a background with the CIELCh color 47, 28.426, 130.074.

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

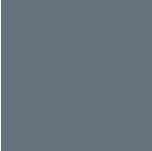
47, 28.426, 130.074

Protanopia

47, 23.803, 95.741

Deuteranopia

47, 21.380, 72.155



Tritanopia
47, 7.182, 247.150

Trichromacy



Original Color
47, 28.426, 130.074

Protanomaly
47, 24.397, 109.998

Deuteranomaly
47, 20.730, 98.477

Tritanomaly
47, 9.444, 159.579

Monochromacy



Original Color
47, 28.426, 130.074

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 10.939, 131.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 28.426, 130.074 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(93, 119, 74)` looks like.

```
.text, #text, p{  
    color:rgb(93, 119, 74)  
}
```

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(93, 119, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 119, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 28.426, 130.074 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(93, 119, 74) }
```

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

```
.border{ border-color:rgb(93, 119, 74) }
```

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

Here you see how a box with a 4 pixel rgb(93, 119, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 119, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 119, 74);  
box-shadow:4px 4px 4px 4px rgb(93, 119,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 28.426, 130.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 119, 74) }
```

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

```
.background{ background-color: rgb(93, 119,  
74) }
```

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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