

Converting Colors

CIELCh(42, 19.682, 72.388)

Have a look what the booklet for
CIELCh(42, 19.682, 72.388) contains.

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Color

CIELCh(42, 19.471, 72.439)

Conversions

Conversions Part 1	
Format	Color
Hex	775F45
RGB	119, 95, 69
RGB Percent	47%, 37%, 27%
CMY	0.5339, 0.6280, 0.7299
CMYK	0.00, 0.20, 0.42, 0.53
HSL	31°, 27%, 37%
HSV	31°, 42%, 47%
XYZ	12.7383, 12.5000, 7.3507
YIQ	99.2120, 22.6500, -2.9980

Conversions

Conversions Part 2

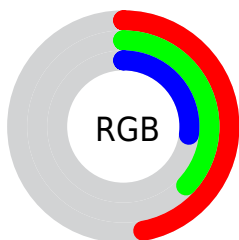
Format	Color
RYB	115, 119, 69
Decimal	7823173
CIELab	42.00, 5.87, 18.56
CIELCh	42, 19.471, 72.439
Yxy	12.5000, 0.3909, 0.3836
Android (android.graphics.Color)	4286013253 (0xFF775F45)
YUV	99.2120, -14.8945, 17.3541
Hunter-Lab	35.3553, 2.4405, 12.4219

Details

The CIELCh color $42, 19.471, 72.439$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $39, 17.621, 264.537$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 19.552, 72.438$, and $22, 19.598, 72.686$ is the 20% darker color. If you saturate the color by 10%, you get $40, 24.579, 71.185$, and if you desaturate by 10%, it is $44, 14.537, 73.685$.

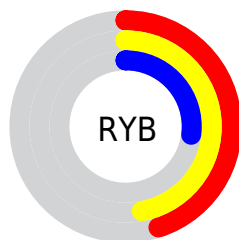
Distribution



Red (47%)

Green (37%)

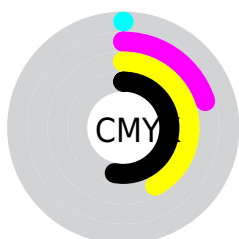
Blue (27%)



Red (45%)

Yellow (47%)

Blue (27%)

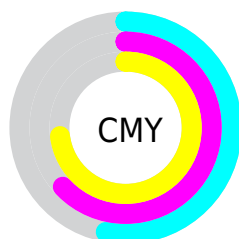


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (53%)



Cyan (53%)













Magenta (63%)







Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 19.471, 72.439 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 42, 19.471, 72.439 by changing the saturation by 10% instead.

 42, 19.471, 72.439	 42, 19.471, 72.439
 100, 19.471, 72.439	 32, 19.471, 72.439
 62, 19.471, 72.439	 22, 19.471, 72.439
 72, 19.471, 72.439	 12, 19.471, 72.439
 82, 19.471, 72.439	 2, 19.471, 72.439
 92, 19.471, 72.439	 0, 19.471, 72.439

 42, 19.471, 72.439	 42, 19.471, 72.439
 40, 24.579, 71.185	 44, 14.537, 73.685
 38, 29.806, 69.891	 46, 9.794, 74.906

 37, 35.030, 68.523

 48, 5.242, 76.095

 35, 40.006, 66.988


 50, 0.872, 77.050


 34, 44.304, 65.101


 52, 3.332, 258.552

 33, 47.800, 63.823

 54, 7.385, 259.632

 56, 11.303,
260.701

 58, 15.099,
261.735

 60, 18.788,
262.728

Harmonies

Complementary

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



42, 19.471, 72.439



39, 17.621, 264.537

Rectangle

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



42, 19.471, 72.439



42, 19.471, 122.439



42, 19.471, 252.439



42, 19.471, 302.439

Sweetspot

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



42, 19.471, 72.445



61, 7.066, 75.946



36, 25.524, 348.642



31, 5.002, 75.727



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



42, 19.471, 72.445



52, 29.384, 71.283



49, 28.620, 107.089



24, 2.406, 76.441



34, 48.846, 63.703



67, 83.577, 61.514

Inverse Universe

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



39, 17.621, 264.537



47, 25.977, 266.804



31, 31.752, 296.053



23, 2.366, 258.751



25, 42.123, 284.271



52, 75.451, 286.862

Previews

White Background



This preview shows how the CIELCh color 42, 19.471, 72.439 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 42, 19.471, 72.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

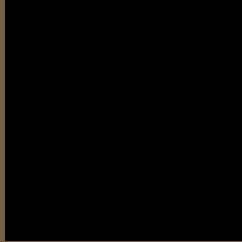
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 19.471, 72.439

Background



This preview shows how black text looks on a background with the CIELCh color 42, 19.471, 72.439.



This preview shows how white text looks on a background with the CIELCh color 42, 19.471, 72.439.

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

42, 19.471, 72.439

Protanopia

42, 17.162, 95.249

Deuteranopia

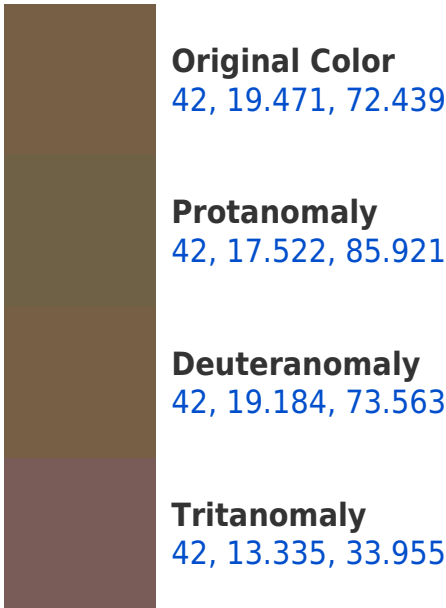
42, 19.184, 73.563



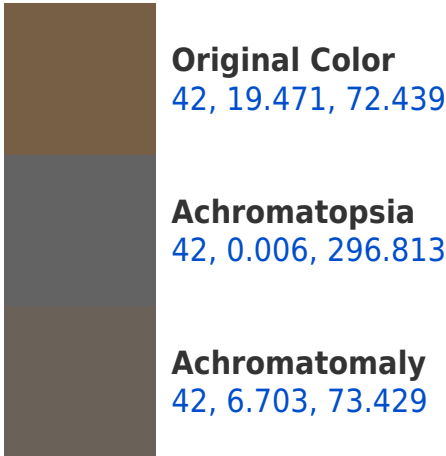
Tritanopia

42, 13.902, 3.876

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 19.471, 72.439 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(119, 95, 69)` looks like.

```
.text, #text, p{  
    color:rgb(119, 95, 69)  
}
```

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(119, 95, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 95, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 19.471, 72.439 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(119, 95, 69) }
```

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

```
.border{ border-color:rgb(119, 95, 69) }
```

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

Here you see how a box with a 4 pixel rgb(119, 95, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 95, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 95, 69);  
box-shadow:4px 4px 4px 4px rgb(119, 95,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 19.471, 72.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 95, 69) }
```

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

```
.background{ background-color: rgb(119, 95,  
69) }
```

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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