

Converting Colors

CIELCh(42, 19.682, 72.388)

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

CIELCh(42, 19.471, 72.439)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

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

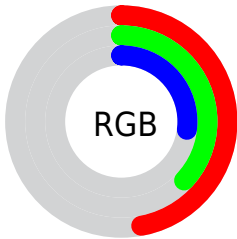
Format	Color
R_{YB}	115, 119, 69
Decimal	7823173
CIE Lab	42.00, 5.87, 18.56
CIE LCh	42, 19.471, 72.439
Yxy	12.5000, 0.3909, 0.3836
Android (android.graphics.Color)	4286013253 (0xFF775F45)
YUV	99.2120, -14.8945, 17.3541
Hunter-Lab	35.3553, 2.4405, 12.4219

Details

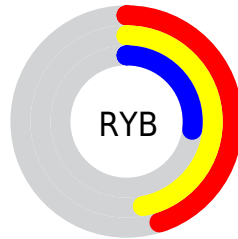
The CIELCh color $42, 19.471, 72.439$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $39, 17.621, 264.537$, and the grayscale version is $42, 0.006, 296.813$.

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 $44, 14.537, 73.685$.

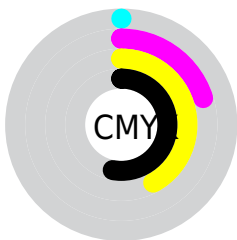
Distribution



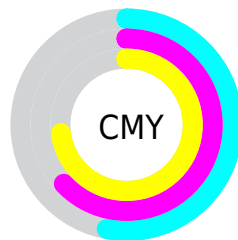
- Red (47%)
- Green (37%)
- Blue (27%)



- 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



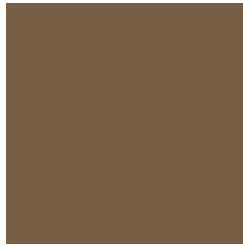
25, 42.123, 284.271



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 CIE LCh 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



Original Color
42, 19.471, 72.439

Protanomaly
42, 17.522, 85.921

Deuteranomaly
42, 19.184, 73.563

Tritanomaly
42, 13.335, 33.955

Monochromacy



Original Color
42, 19.471, 72.439

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 6.703, 73.429

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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