

Converting Colors

CIELCh(38, 15.689, 39.267)

Have a look what the booklet for
CIELCh(38, 15.689, 39.267) contains.

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Color

CIELCh(38, 15.730, 39.272)

Conversions

Conversions Part 1

Format	Color
Hex	72524A
RGB	114, 82, 74
RGB Percent	45%, 32%, 29%
CMY	0.5533, 0.6787, 0.7101
CMYK	0.00, 0.28, 0.35, 0.55
HSL	12°, 21%, 37%
HSV	12°, 35%, 45%
XYZ	11.1734, 10.0881, 7.8235
YIQ	90.6560, 21.6400, 4.2960

Conversions

Conversions Part 2

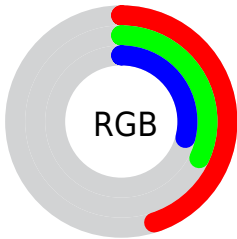
Format	Color
R_{YB}	114, 84, 74
Decimal	7492170
CIE _{Lab}	38.00, 12.18, 9.96
CIE _{LCh}	38, 15.730, 39.272
Yxy	10.0881, 0.3842, 0.3468
Android (android.graphics.Color)	4285682250 (0xFF72524A)
YUV	90.6560, -8.2114, 20.4727
Hunter-Lab	31.7617, 7.2114, 7.6290

Details

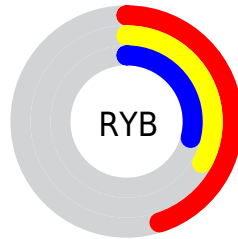
The CIELCh color **38, 15.730, 39.272** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **43, 12.446, 221.135**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 15.612, 39.649**, and **18, 16.050, 39.716** is the 20% darker color. If you saturate the color by 10%, you get **35, 21.020, 39.538**, and if you desaturate by 10%, it is **41, 10.811, 39.176**.

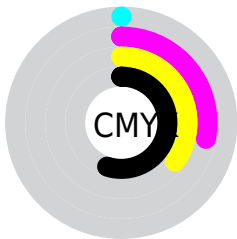
Distribution



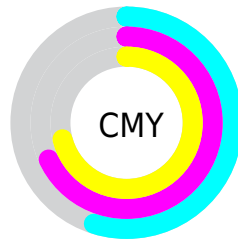
- Red (45%)
- Green (32%)
- Blue (29%)



- Red (45%)
- Yellow (33%)
- Blue (29%)



- Cyan (0%)
- Magenta (28%)
- Yellow (35%)
- Black (55%)



- Cyan (55%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 15.730, 39.272 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 38, 15.730, 39.272 by changing the saturation by 10% instead.

■ 38, 15.730, 39.272

■ 38, 15.730, 39.272

■ 100, 15.730,
39.272

■ 28, 15.730, 39.272

■ 58, 15.730, 39.272

■ 18, 15.730, 39.272

■ 68, 15.730, 39.272

■ 8, 15.730, 39.272

■ 78, 15.730, 39.272

■ 0, 15.730, 39.272

■ 88, 15.730, 39.272

■ 98, 15.730, 39.272

■ 38, 15.730, 39.272

■ 38, 15.730, 39.272

■ 35, 21.020, 39.538

■ 41, 10.811, 39.176

33, 26.672, 39.989

44, 6.253, 39.190

30, 32.641, 40.651

47, 2.033, 39.209

28, 38.813, 41.508

49, 1.879, 219.793

26, 44.944, 42.445

52, 5.514, 219.938

25, 50.186, 42.765

55, 8.901, 220.226

24, 52.439, 42.941

58, 12.070,
220.556

61, 15.046,
220.910

64, 17.853,
221.276

Harmonies

Complementary

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



38, 15.730, 39.272



43, 12.446, 221.135

Rectangle

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



38, 15.730, 39.272



38, 15.730, 89.272



38, 15.730, 219.272



38, 15.730, 269.272

Sweetspot

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



38, 15.729, 39.278



57, 5.556, 39.212



37, 25.312, 332.682



29, 3.724, 39.206



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



38, 15.729, 39.278



47, 24.052, 39.471



44, 17.587, 89.466



22, 2.245, 39.223



26, 54.839, 43.183



54, 97.547, 43.073

Inverse Universe

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



43, 12.446, 221.135



54, 17.864, 221.837



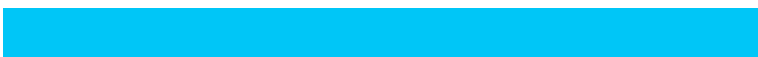
37, 17.702, 278.891



23, 2.130, 219.825



37, 25.058, 233.971



74, 43.016, 236.372

Previews

White Background



This preview shows how the CIELCh color 38, 15.730, 39.272 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 38, 15.730, 39.272 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 38, 15.730, 39.272

Background



This preview shows how black text looks on a background with the CIELCh color 38, 15.730, 39.272.



This preview shows how white text looks on a background with the CIELCh color 38, 15.730, 39.272.

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

38, 15.730, 39.272

Protanopia

38, 7.091, 90.778

Deuteranopia

38, 11.580, 63.224



Tritanopia
38, 15.828, 8.601

Trichromacy



Original Color
38, 15.730, 39.272

Protanomaly
38, 8.786, 58.764

Deuteranomaly
38, 13.048, 54.471

Tritanomaly
38, 15.276, 19.428

Monochromacy



Original Color
38, 15.730, 39.272

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 5.151, 40.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 15.730, 39.272 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(114, 82, 74)` looks like.

```
.text, #text, p{  
    color:rgb(114, 82, 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(114, 82, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 82, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 15.730, 39.272 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(114, 82, 74) }
```

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

```
.border{ border-color:rgb(114, 82, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 82, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 82, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 82, 74);  
box-shadow:4px 4px 4px 4px rgb(114, 82,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 15.730, 39.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 82, 74) }
```

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

```
.background{ background-color: rgb(114, 82,  
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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