

Converting Colors

CIELCh(38, 15.760, 3.267)

Have a look what the booklet for
CIELCh(38, 15.760, 3.267) contains.

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Color

CIELCh(38, 15.601, 3.719)

Conversions

Conversions Part 1

Format	Color
Hex	725058
RGB	114, 80, 88
RGB Percent	45%, 31%, 35%
CMY	0.5517, 0.6851, 0.6537
CMYK	0.00, 0.30, 0.23, 0.55
HSL	346°, 17%, 38%
HSV	346°, 30%, 45%
XYZ	11.6439, 10.0881, 10.6299
YIQ	91.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

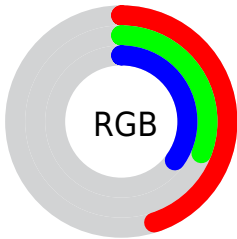
Format	Color
R _Y B	114, 80, 88
Decimal	7491672
CIE Lab	38.00, 15.57, 1.01
CIE LCh	38, 15.601, 3.719
Yxy	10.0881, 0.3598, 0.3117
Android (android.graphics.Color)	4285681752 (0xFF725058)
YUV	91.0780, -1.5175, 20.1026
Hunter-Lab	31.7617, 9.8556, 2.3902

Details

The CIELCh color **38, 15.601, 3.719** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **45, 14.050, 177.919**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 15.540, 4.268**, and **18, 15.557, 3.319** is the 20% darker color. If you saturate the color by 10%, you get **35, 21.171, 5.183**, and if you desaturate by 10%, it is **41, 10.155, 2.494**.

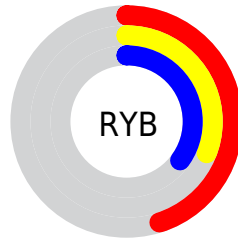
Distribution



Red (45%)

Green (31%)

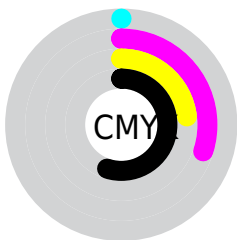
Blue (35%)



Red (45%)

Yellow (31%)

Blue (35%)

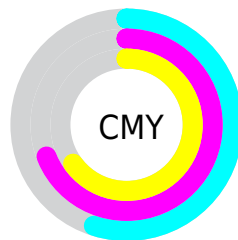


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (55%)



Cyan (55%)

Magenta (69%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 15.601, 3.719 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, 15.601, 3.719 by changing the saturation by 10% instead.

 38, 15.601, 3.719  38, 15.601, 3.719

 100, 15.601, 3.719  28, 15.601, 3.719

 58, 15.601, 3.719  18, 15.601, 3.719

 68, 15.601, 3.719  8, 15.601, 3.719

 78, 15.601, 3.719  0, 15.601, 3.719

 88, 15.601, 3.719

 98, 15.601, 3.719

 38, 15.601, 3.719  38, 15.601, 3.719

 35, 21.171, 5.183  41, 10.155, 2.494

 32, 26.756, 6.955  45, 4.905, 1.422

 29, 32.188, 9.143	 48, 0.116, 183.461
 27, 37.265, 11.878	 52, 4.896, 179.873
 25, 41.785, 15.297	 55, 9.441, 179.141
 24, 45.628, 19.500	 59, 13.761, 178.504
 23, 49.247, 23.928	
 23, 49.341, 24.026	 63, 17.875, 177.933
	 66, 21.799, 177.414
	 70, 25.552, 176.941

Harmonies

Complementary

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



38, 15.601, 3.719



45, 14.050, 177.919

Rectangle

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



38, 15.601, 3.719



38, 15.601, 53.719



38, 15.601, 183.719



38, 15.601, 233.719

Sweetspot

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



38, 15.599, 3.722



57, 5.580, 1.367



38, 23.220, 318.514



29, 3.863, 1.486



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, 15.599, 3.722



46, 23.582, 4.740



40, 12.759, 44.412



22, 2.779, 1.341



24, 51.143, 24.345



52, 89.578, 27.815

Inverse Universe

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



38, 15.599, 3.722



46, 23.582, 4.740



43, 10.615, 227.447



22, 2.779, 1.341



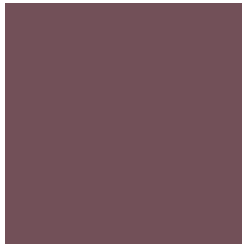
24, 51.143, 24.345



52, 89.578, 27.815

Previews

White Background



This preview shows how the CIELCh color 38, 15.601, 3.719 looks on a white background.

Color Contrast Check

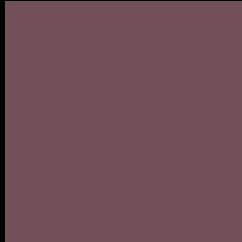
Large Text (above 18pt) WCAG AA ✓ Pass

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 38, 15.601, 3.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

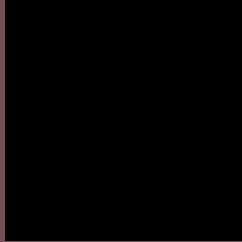
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 15.601, 3.719

Background



This preview shows how black text looks on a background with the CIELCh color 38, 15.601, 3.719.



This preview shows how white text looks on a background with the CIELCh color 38, 15.601, 3.719.

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, 15.601, 3.719

Protanopia

38, 2.505, 300.151

Deuteranopia

38, 5.207, 20.080



Tritanopia
38, 14.924, 7.609

Trichromacy



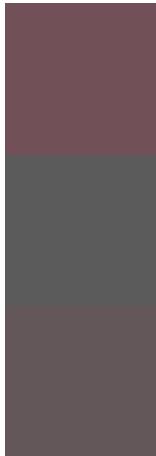
Original Color
38, 15.601, 3.719

Protanomaly
38, 6.355, 351.473

Deuteranomaly
38, 8.825, 12.739

Tritanomaly
38, 14.924, 7.609

Monochromacy



Original Color
38, 15.601, 3.719

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 5.472, 0.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 15.601, 3.719 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, 80, 88)` looks like.

```
.text, #text, p{  
    color:rgb(114, 80, 88)  
}
```

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, 80, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 80, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 15.601, 3.719 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, 80, 88) }
```

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

```
.border{ border-color:rgb(114, 80, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 80, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 80, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 80, 88);  
box-shadow:4px 4px 4px 4px rgb(114, 80,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 15.601, 3.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 80, 88) }
```

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

```
.background{ background-color: rgb(114, 80,  
88) }
```

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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