

Converting Colors

CIELCh(38, 13.122, 11.523)

Have a look what the booklet for
CIELCh(38, 13.122, 11.523) contains.

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Color

CIELCh(38, 12.992, 10.599)

Conversions

Conversions Part 1	
Format	Color
Hex	6F5256
RGB	111, 82, 86
RGB Percent	44%, 32%, 34%
CMY	0.5647, 0.6784, 0.6627
CMYK	0.00, 0.26, 0.23, 0.56
HSL	352°, 15%, 38%
HSV	352°, 26%, 44%
XYZ	11.2548, 10.0881, 10.1599
YIQ	91.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

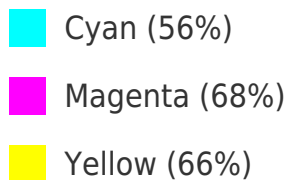
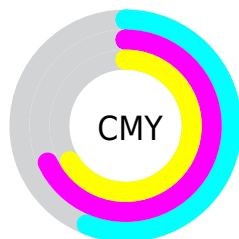
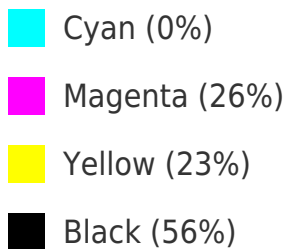
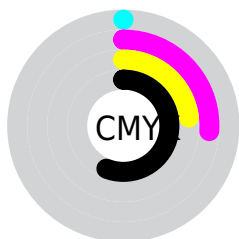
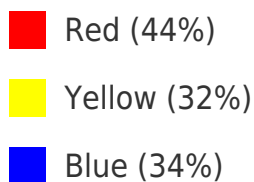
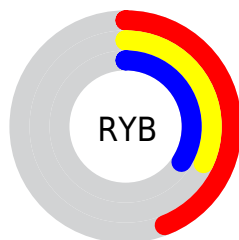
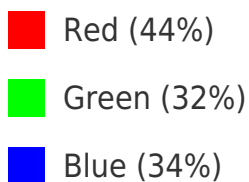
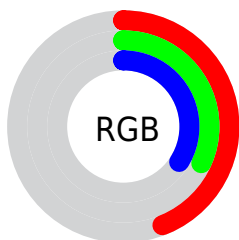
Format	Color
RYB	111, 82, 86
Decimal	7295574
CIELab	38.00, 12.77, 2.39
CIELCh	38, 12.992, 10.599
Yxy	10.0881, 0.3573, 0.3202
Android (android.graphics.Color)	4285485654 (0xFF6F5256)
YUV	91.1270, -2.5276, 17.4286
Hunter-Lab	31.7617, 7.6686, 3.2675

Details

The CIELCh color **38, 12.992, 10.599** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 11.508, 186.042**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **58, 12.714, 10.551**, and **18, 12.725, 10.401** is the 20% darker color. If you saturate the color by 10%, you get **35, 18.411, 11.953**, and if you desaturate by 10%, it is **41, 7.802, 9.481**.

Distribution




Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 12.992, 10.599 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, 12.992, 10.599 by changing the saturation by 10% instead.

 38, 12.992, 10.599

 38, 12.992, 10.599

 100, 12.992,
10.599

 28, 12.992, 10.599

 58, 12.992, 10.599

 18, 12.992, 10.599

 68, 12.992, 10.599

 8, 12.992, 10.599

 78, 12.992, 10.599

 0, 12.992, 10.599

 88, 12.992, 10.599

 98, 12.992, 10.599

 38, 12.992, 10.599

 38, 12.992, 10.599

 35, 18.411, 11.953

 41, 7.802, 9.481

■ 32, 23.991, 13.611

■ 45, 2.879, 8.481

■ 29, 29.611, 15.677

■ 48, 1.767, 188.008

■ 27, 35.111, 18.268

■ 52, 6.145, 187.192

■ 25, 40.309, 21.498

■ 55, 10.270,
186.579

■ 23, 45.053, 25.423

■ 59, 14.163,
186.048

■ 22, 49.387, 29.726

■ 62, 17.847,
185.579

■ 22, 51.028, 30.968

■ 66, 21.342,
185.158

■ 69, 24.669,
184.778

Harmonies

Complementary

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



38, 12.992, 10.599



45, 11.508, 186.042

Rectangle

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



38, 12.992, 10.599



38, 12.992, 60.599



38, 12.992, 190.599



38, 12.992, 240.599

Sweetspot

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



38, 12.991, 10.604



57, 4.721, 8.693



38, 20.357, 321.421



29, 3.393, 8.816



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, 12.991, 10.604



47, 19.510, 11.343



41, 10.526, 55.699



22, 2.690, 8.771



24, 54.232, 31.606



52, 95.585, 34.640

Inverse Universe

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



38, 12.991, 10.604



47, 19.510, 11.343



42, 9.254, 240.594



22, 2.690, 8.771



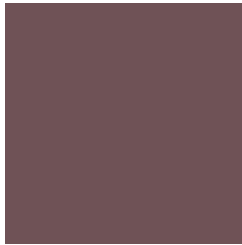
24, 54.232, 31.606



52, 95.585, 34.640

Previews

White Background



This preview shows how the CIELCh color 38, 12.992, 10.599 looks on a white background.

Color Contrast Check

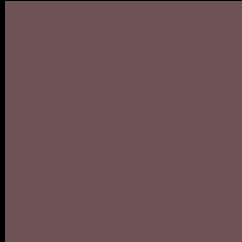
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.992, 10.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

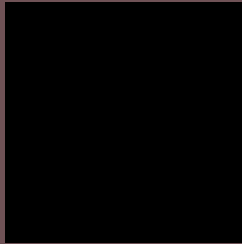
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 12.992, 10.599

Background



This preview shows how black text looks on a background with the CIELCh color 38, 12.992, 10.599.



This preview shows how white text looks on a background with the CIELCh color 38, 12.992, 10.599.

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, 12.992, 10.599

Protanopia

38, 1.055, 343.598

Deuteranopia

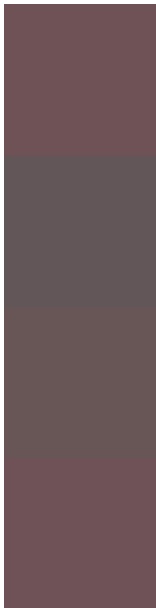
38, 5.827, 32.204



Tritanopia

38, 13.169, 5.344

Trichromacy



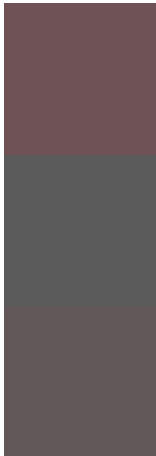
Original Color
38, 12.992, 10.599

Protanomaly
38, 5.483, 0.569

Deuteranomaly
38, 8.364, 20.571

Tritanomaly
38, 13.066, 7.953

Monochromacy



Original Color
38, 12.992, 10.599

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 4.346, 11.873

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 38, 12.992, 10.599 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(111, 82, 86)` looks like.

```
.text, #text, p{  
    color:rgb(111, 82, 86)  
}
```

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(111, 82, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 82, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 12.992, 10.599 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(111, 82, 86) }
```

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

```
.border{ border-color:rgb(111, 82, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 82, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 82, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 82, 86);  
box-shadow:4px 4px 4px 4px rgb(111, 82,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 12.992, 10.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(111, 82, 86) }
```

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

```
.background{ background-color:rgb(111, 82,  
86) }
```

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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