

Converting Colors

CIELCh(38, 28.376, 3.253)

Have a look what the booklet for
CIELCh(38, 28.376, 3.253) contains.

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Color

CIELCh(38, 28.138, 3.173)

Conversions

Conversions Part 1

Format	Color
Hex	844758
RGB	132, 71, 88
RGB Percent	52%, 28%, 35%
CMY	0.4829, 0.7220, 0.6554
CMYK	0.00, 0.46, 0.33, 0.48
HSL	343°, 30%, 40%
HSV	343°, 46%, 52%
XYZ	13.4964, 10.0881, 10.4421
YIQ	91.1770, 30.8990, 18.2190

Conversions

Conversions Part 2

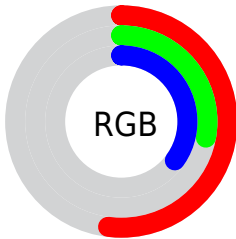
Format	Color
R_{YB}	132, 71, 88
Decimal	8669016
CIE Lab	38.00, 28.09, 1.56
CIE LCh	38, 28.138, 3.173
Yxy	10.0881, 0.3966, 0.2965
Android (android.graphics.Color)	4286859096 (0xFF844758)
YUV	91.1770, -1.5663, 35.8018
Hunter-Lab	31.7617, 20.2666, 2.7408

Details

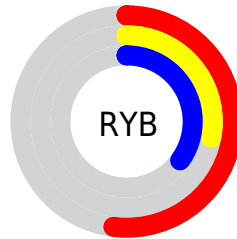
The CIELCh color **38, 28.138, 3.173** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **51, 24.328, 172.793**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 28.150, 3.077**, and **18, 28.133, 2.940** is the 20% darker color. If you saturate the color by 10%, you get **35, 34.229, 5.197**, and if you desaturate by 10%, it is **41, 21.867, 1.524**.

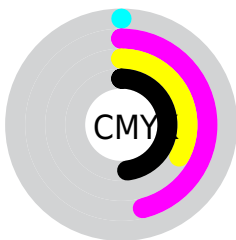
Distribution



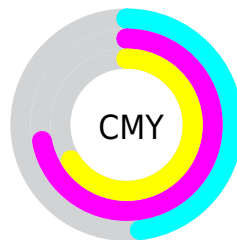
- Red (52%)
- Green (28%)
- Blue (35%)



- Red (52%)
- Yellow (28%)
- Blue (35%)



- Cyan (0%)
- Magenta (46%)
- Yellow (33%)
- Black (48%)



- Cyan (48%)
- Magenta (72%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 28.138, 3.173 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, 28.138, 3.173 by changing the saturation by 10% instead.

 38, 28.138, 3.173

 38, 28.138, 3.173

 100, 28.138, 3.173

 28, 28.138, 3.173

 58, 28.138, 3.173

 18, 28.138, 3.173

 68, 28.138, 3.173

 8, 28.138, 3.173

 78, 28.138, 3.173

 0, 28.138, 3.173

 88, 28.138, 3.173

 98, 28.138, 3.173

 38, 28.138, 3.173

 38, 28.138, 3.173

 35, 34.229, 5.197

 41, 21.867, 1.524

 32, 39.905, 7.717

 45, 15.609, 0.149

■ 30, 44.910, 10.882

■ 49, 9.487, 358.974

■ 28, 49.059, 14.837

■ 53, 3.574, 357.913

■ 27, 52.448, 19.535

■ 57, 2.093, 177.308

■ 27, 53.779, 21.238

■ 61, 7.504, 176.410

■ 65, 12.661,
175.696

■ 69, 17.579,
175.061

■ 73, 22.275,
174.486

Harmonies

Complementary

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



38, 28.138, 3.173



51, 24.328, 172.793

Rectangle

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



38, 28.138, 3.173



38, 28.138, 53.173



38, 28.138, 183.173



38, 28.138, 233.173

Sweetspot

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



38, 28.136, 3.175



63, 10.062, 358.765



37, 40.351, 318.140



32, 7.028, 358.968



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



38, 28.136, 3.175



46, 41.359, 5.194



41, 24.241, 41.128



26, 3.260, 358.219



26, 53.219, 21.154



0, 0.767, 357.447

Inverse Universe

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



38, 28.136, 3.175



46, 41.359, 5.194



47, 17.518, 224.640



26, 3.260, 358.219



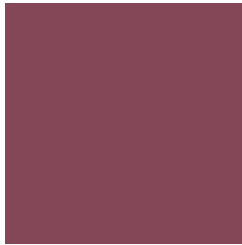
26, 53.219, 21.154



0, 0.767, 357.447

Previews

White Background



This preview shows how the CIE LCh color 38, 28.138, 3.173 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, 28.138, 3.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

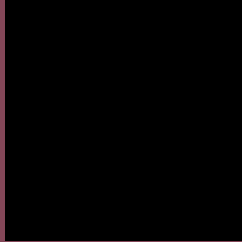
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 28.138, 3.173

Background



This preview shows how black text looks on a background with the CIELCh color 38, 28.138, 3.173.



This preview shows how white text looks on a background with the CIELCh color 38, 28.138, 3.173.

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, 28.138, 3.173

Protanopia

38, 6.154, 291.154

Deuteranopia

38, 5.827, 32.204



Tritanopia
38, 26.431, 17.336

Trichromacy



Original Color
38, 28.138, 3.173

Protanomaly
38, 12.579, 341.975

Deuteranomaly
38, 13.969, 9.001

Tritanomaly
38, 26.825, 11.149

Monochromacy



Original Color
38, 28.138, 3.173

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 10.183, 359.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 28.138, 3.173 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(132, 71, 88)` looks like.

```
.text, #text, p{  
    color:rgb(132, 71, 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(132, 71, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 71, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 28.138, 3.173 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(132, 71, 88) }
```

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

```
.border{ border-color:rgb(132, 71, 88) }
```

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

Here you see how a box with a 4 pixel rgb(132, 71, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 71, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 71, 88);  
box-shadow:4px 4px 4px 4px rgb(132, 71,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 28.138, 3.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 71, 88) }
```

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

```
.background{ background-color: rgb(132, 71,  
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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