

Converting Colors

CIELCh(38, 32.676, 26.917)

Have a look what the booklet for
CIELCh(38, 32.676, 26.917) contains.

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Color

CIELCh(38, 32.600, 26.856)

Conversions

Conversions Part 1

Format	Color
Hex	8A4543
RGB	138, 69, 67
RGB Percent	54%, 27%, 26%
CMY	0.4584, 0.7290, 0.7369
CMYK	0.00, 0.50, 0.51, 0.46
HSL	2°, 35%, 40%
HSV	2°, 51%, 54%
XYZ	13.6505, 10.0881, 6.5528
YIQ	89.4030, 41.7660, 14.0060

Conversions

Conversions Part 2

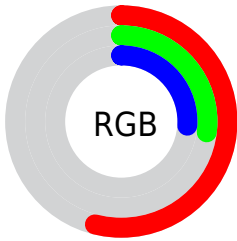
Format	Color
R_{YB}	138, 69, 67
Decimal	9061699
CIE Lab	38.00, 29.08, 14.73
CIE LCh	38, 32.600, 26.856
Yxy	10.0881, 0.4506, 0.3330
Android (android.graphics.Color)	4287251779 (0xFF8A4543)
YUV	89.4030, -11.0447, 42.6196
Hunter-Lab	31.7617, 21.1326, 10.0010

Details

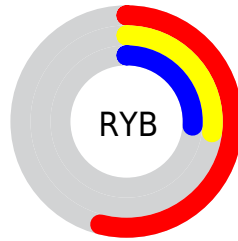
The CIELCh color **38, 32.600, 26.856** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **53, 22.483, 200.240**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 32.414, 26.939**, and **18, 32.770, 26.792** is the 20% darker color. If you saturate the color by 10%, you get **35, 39.990, 28.902**, and if you desaturate by 10%, it is **41, 25.430, 25.272**.

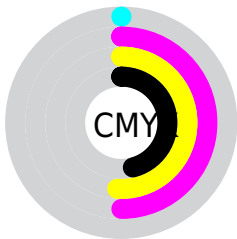
Distribution



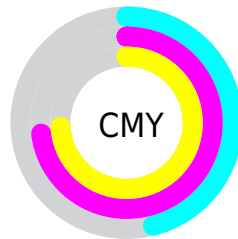
- Red (54%)
- Green (27%)
- Blue (26%)



- Red (54%)
- Yellow (27%)
- Blue (26%)



- Cyan (0%)
- Magenta (50%)
- Yellow (51%)
- Black (46%)



- Cyan (46%)
- Magenta (73%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 32.600, 26.856 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, 32.600, 26.856 by changing the saturation by 10% instead.

■ 38, 32.600, 26.856

■ 38, 32.600, 26.856

■ 100, 32.600,
26.856

■ 28, 32.600, 26.856

■ 58, 32.600, 26.856

■ 18, 32.600, 26.856

■ 68, 32.600, 26.856

■ 8, 32.600, 26.856

■ 78, 32.600, 26.856

■ 0, 32.600, 26.856

■ 88, 32.600, 26.856

■ 98, 32.600, 26.856

■ 38, 32.600, 26.856

■ 38, 32.600, 26.856

■ 35, 39.990, 28.902

■ 41, 25.430, 25.272

32, 47.405, 31.453

45, 18.613, 24.053

30, 54.543, 34.443

49, 12.217, 23.115

29, 60.827, 37.464

53, 6.266, 22.376

28, 64.896, 39.447

57, 0.750, 21.341

61, 4.357, 201.585

65, 9.093, 201.215

69, 13.496,
200.953

74, 17.605,
200.755

Harmonies

Complementary

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



38, 32.600, 26.856



53, 22.483, 200.240

Rectangle

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



38, 32.600, 26.856



38, 32.600, 76.856



38, 32.600, 206.856



38, 32.600, 256.856

Sweetspot

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



38, 32.598, 26.859



65, 10.302, 22.647



40, 48.037, 327.516



33, 7.051, 22.780



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



38, 32.598, 26.859



45, 49.985, 29.347



47, 27.436, 70.831



27, 3.061, 22.223



27, 62.736, 39.189



0, 1.375, 21.831

Inverse Universe

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



53, 22.483, 200.240



66, 31.155, 200.157



42, 24.122, 266.680



29, 2.894, 201.522



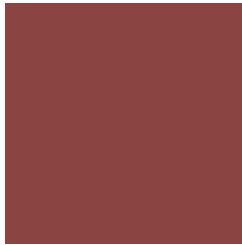
49, 29.682, 200.799



1, 1.374, 201.848

Previews

White Background



This preview shows how the CIELCh color 38, 32.600, 26.856 looks on a white background.

Color Contrast Check

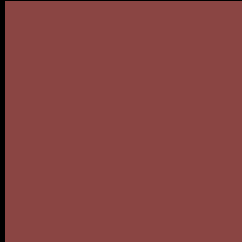
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.600, 26.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

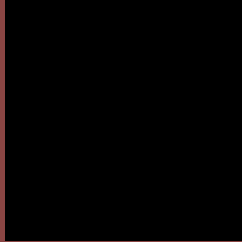
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 32.600, 26.856

Background



This preview shows how black text looks on a background with the CIELCh color 38, 32.600, 26.856.

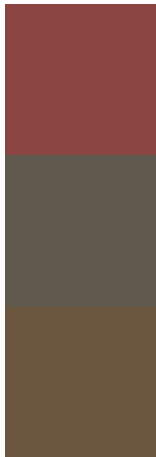


This preview shows how white text looks on a background with the CIELCh color 38, 32.600, 26.856.

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, 32.600, 26.856

Protanopia

38, 8.250, 93.159

Deuteranopia

38, 16.921, 71.882



Tritanopia
38, 32.600, 19.899

Trichromacy



Original Color
38, 32.600, 26.856

Protanomaly
38, 14.662, 42.978

Deuteranomaly
38, 20.685, 47.545

Tritanomaly
38, 32.827, 21.977

Monochromacy



Original Color
38, 32.600, 26.856

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 11.160, 21.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 32.600, 26.856 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(138, 69, 67)` looks like.

```
.text, #text, p{  
    color:rgb(138, 69, 67)  
}
```

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(138, 69, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 69, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 32.600, 26.856 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(138, 69, 67) }
```

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

```
.border{ border-color:rgb(138, 69, 67) }
```

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

Here you see how a box with a 4 pixel rgb(138, 69, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 69, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 69, 67);  
box-shadow:4px 4px 4px 4px rgb(138, 69,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 32.600, 26.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 69, 67) }
```

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

```
.background{ background-color: rgb(138, 69,  
67) }
```

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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