

Converting Colors

CIELCh(38, 33.418, 28.180)

Have a look what the booklet for
CIELCh(38, 33.418, 28.180) contains.

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Color

CIELCh(38, 33.447, 28.865)

Conversions

Conversions Part 1

Format	Color
Hex	8B4541
RGB	139, 69, 65
RGB Percent	55%, 27%, 25%
CMY	0.4557, 0.7301, 0.7457
CMYK	0.00, 0.50, 0.53, 0.46
HSL	3°, 36%, 40%
HSV	3°, 53%, 54%
XYZ	13.6830, 10.0881, 6.2032
YIQ	89.4740, 43.0040, 13.5960

Conversions

Conversions Part 2

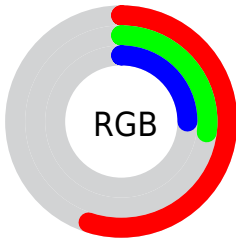
Format	Color
R_{YB}	139, 69, 65
Decimal	9127233
CIE Lab	38.00, 29.29, 16.15
CIE LCh	38, 33.447, 28.865
Yxy	10.0881, 0.4565, 0.3366
Android (android.graphics.Color)	4287317313 (0xFF8B4541)
YUV	89.4740, -12.0657, 43.4343
Hunter-Lab	31.7617, 21.3152, 10.6536

Details

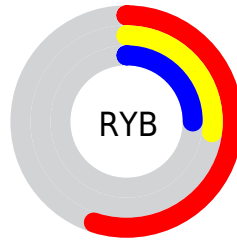
The CIELCh color **38, 33.447, 28.865** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **52, 22.556, 203.208**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 33.594, 28.763**, and **18, 33.760, 29.098** is the 20% darker color. If you saturate the color by 10%, you get **35, 40.847, 30.788**, and if you desaturate by 10%, it is **41, 26.284, 27.375**.

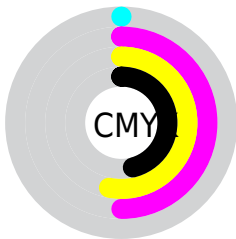
Distribution



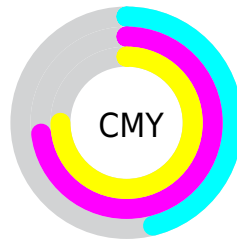
- Red (55%)
- Green (27%)
- Blue (25%)



- Red (55%)
- Yellow (27%)
- Blue (25%)



- Cyan (0%)
- Magenta (50%)
- Yellow (53%)
- Black (46%)



- Cyan (46%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 33.447, 28.865 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, 33.447, 28.865 by changing the saturation by 10% instead.

■ 38, 33.447, 28.865

■ 38, 33.447, 28.865

■ 100, 33.447,
28.865

■ 28, 33.447, 28.865

■ 58, 33.447, 28.865

■ 18, 33.447, 28.865

■ 68, 33.447, 28.865

■ 8, 33.447, 28.865

■ 78, 33.447, 28.865

■ 0, 33.447, 28.865

■ 88, 33.447, 28.865

■ 98, 33.447, 28.865

■ 38, 33.447, 28.865

■ 38, 33.447, 28.865

■ 35, 40.847, 30.788

■ 41, 26.284, 27.375

■ 32, 48.292, 33.165

■ 45, 19.487, 26.235

■ 30, 55.449, 35.889

■ 49, 13.117, 25.370

■ 29, 61.599, 38.441

■ 53, 7.196, 24.705

■ 28, 64.818, 39.923

■ 56, 1.711, 24.041

■ 60, 3.363, 204.065

■ 65, 8.065, 203.735

■ 69, 12.432,
203.531

■ 73, 16.503,
203.392

Harmonies

Complementary

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



38, 33.447, 28.865



52, 22.556, 203.208

Rectangle

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



38, 33.447, 28.865



38, 33.447, 78.865



38, 33.447, 208.865



38, 33.447, 258.865

Sweetspot

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



38, 33.445, 28.868



66, 10.895, 24.892



40, 48.675, 328.621



34, 7.466, 25.008



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



38, 33.445, 28.868



45, 51.573, 31.253



47, 28.995, 73.811



27, 2.987, 24.463



27, 62.387, 39.669



0, 1.341, 24.154

Inverse Universe

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



52, 22.556, 203.208



66, 31.240, 203.401



41, 26.206, 270.647



28, 2.822, 203.932



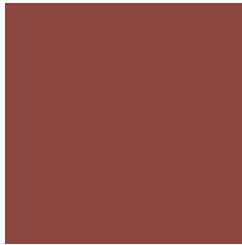
48, 28.769, 205.138



1, 1.341, 204.172

Previews

White Background



This preview shows how the CIELCh color 38, 33.447, 28.865 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, 33.447, 28.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

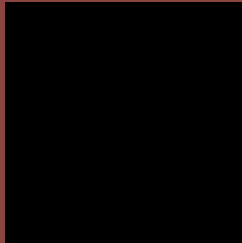
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 33.447, 28.865

Background



This preview shows how black text looks on a background with the CIELCh color 38, 33.447, 28.865.



This preview shows how white text looks on a background with the CIELCh color 38, 33.447, 28.865.

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, 33.447, 28.865

Protanopia

38, 10.028, 95.569

Deuteranopia

38, 18.244, 72.598



Tritanopia
38, 32.707, 20.942

Trichromacy



Original Color
38, 33.447, 28.865

Protanomaly
38, 15.290, 46.930

Deuteranomaly
38, 21.845, 49.557

Tritanomaly
38, 33.102, 24.021

Monochromacy



Original Color
38, 33.447, 28.865

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 11.334, 27.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 33.447, 28.865 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(139, 69, 65)` looks like.

```
.text, #text, p{  
    color:rgb(139, 69, 65)  
}
```

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(139, 69, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 69, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 33.447, 28.865 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(139, 69, 65) }
```

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

```
.border{ border-color:rgb(139, 69, 65) }
```

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

Here you see how a box with a 4 pixel rgb(139, 69, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 69, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 69, 65);  
box-shadow:4px 4px 4px 4px rgb(139, 69,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 38, 33.447, 28.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 69, 65) }
```

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

```
.background{ background-color: rgb(139, 69,  
65) }
```

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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