

Converting Colors

CIELCh(42, 38.439, 31.980)

Have a look what the booklet for
CIELCh(42, 38.439, 31.980) contains.

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Color

CIELCh(42, 38.443, 32.005)

Conversions

Conversions Part 1	
Format	Color
Hex	9B4B43
RGB	155, 75, 67
RGB Percent	61%, 29%, 26%
CMY	0.3905, 0.7045, 0.7359
CMYK	0.00, 0.52, 0.57, 0.39
HSL	5°, 40%, 44%
HSV	5°, 57%, 61%
XYZ	17.1610, 12.5000, 6.8711
YIQ	98.0080, 50.2480, 14.4720

Conversions

Conversions Part 2

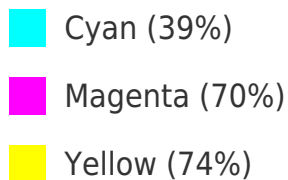
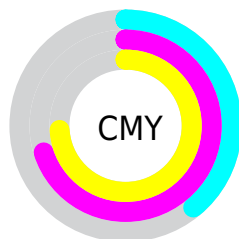
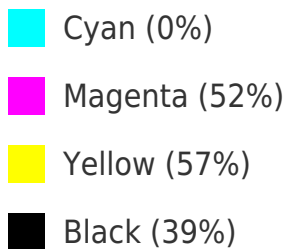
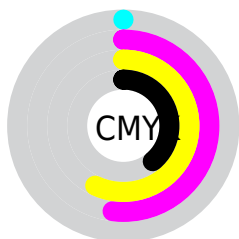
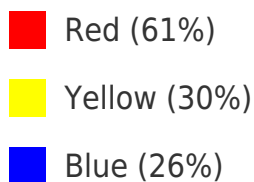
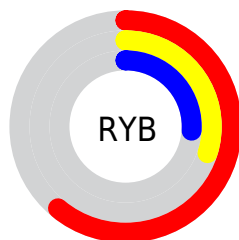
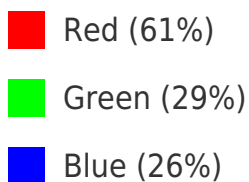
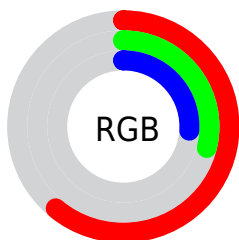
Format	Color
RYB	155, 76, 67
Decimal	10177347
CIELab	42.00, 32.60, 20.37
CIELCh	42, 38.443, 32.005
Yxy	12.5000, 0.4698, 0.3422
Android (android.graphics.Color)	4288367427 (0xFF9B4B43)
YUV	98.0080, -15.2869, 49.9820
Hunter-Lab	35.3553, 24.7698, 13.2261

Details

The CIELCh color **42, 38.443, 32.005** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **57, 24.849, 207.993**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 38.421, 32.289**, and **22, 38.373, 31.856** is the 20% darker color. If you saturate the color by 10%, you get **39, 46.556, 33.784**, and if you desaturate by 10%, it is **45, 30.593, 30.623**.













Distribution









Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 38.443, 32.005 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 42, 38.443, 32.005 by changing the saturation by 10% instead.

 42, 38.443, 32.005	 42, 38.443, 32.005
 100, 38.443, 32.005	 32, 38.443, 32.005
 62, 38.443, 32.005	 22, 38.443, 32.005
 72, 38.443, 32.005	 12, 38.443, 32.005
 82, 38.443, 32.005	 2, 38.443, 32.005
 92, 38.443, 32.005	 0, 38.443, 32.005

 42, 38.443, 32.005	 42, 38.443, 32.005
 39, 46.556, 33.784	 45, 30.593, 30.623
 36, 54.689, 35.930	 49, 23.150, 29.578

 34, 62.364, 38.234

 53, 16.185, 28.806

 33, 68.699, 40.215

 57, 9.717, 28.241


 33, 70.554, 40.957

 61, 3.736, 27.785

 66, 1.789, 207.912

 70, 6.899, 207.563

 74, 11.637,
207.448

 78, 16.044,
207.403

Harmonies

Complementary

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



42, 38.443, 32.005



57, 24.849, 207.993

Rectangle

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



42, 38.443, 32.005



42, 38.443, 82.005



42, 38.443, 212.005



42, 38.443, 262.005

Sweetspot

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



42, 38.441, 32.008



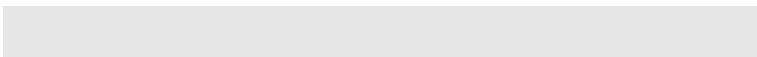
72, 12.271, 28.273



43, 54.953, 329.902



37, 8.335, 28.367



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



42, 38.441, 32.008



50, 59.040, 34.317



52, 34.481, 76.387



30, 3.155, 27.903



29, 64.867, 40.634



1, 3.300, 27.568

Inverse Universe

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



57, 24.849, 207.993



71, 33.876, 208.737



43, 32.015, 274.938



32, 2.977, 207.626



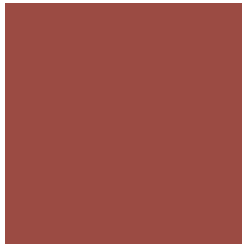
49, 28.859, 212.038



3, 3.268, 208.726

Previews

White Background



This preview shows how the CIE LCh color 42, 38.443, 32.005 looks on a white background.

Color Contrast Check

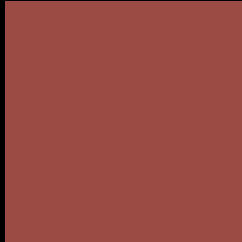
Large Text (above 18pt) WCAG AA ✓ Pass

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 42, 38.443, 32.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

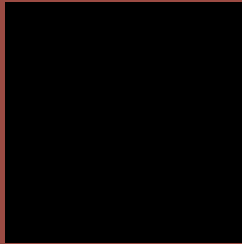
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 38.443, 32.005

Background



This preview shows how black text looks on a background with the CIELCh color 42, 38.443, 32.005.

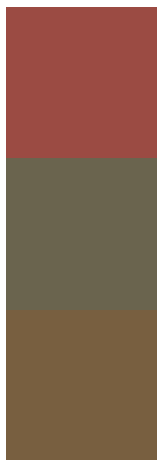


This preview shows how white text looks on a background with the CIELCh color 42, 38.443, 32.005.

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

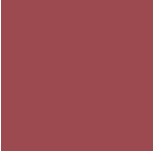
42, 38.443, 32.005

Protanopia

42, 13.449, 96.608

Deuteranopia

42, 22.311, 75.131

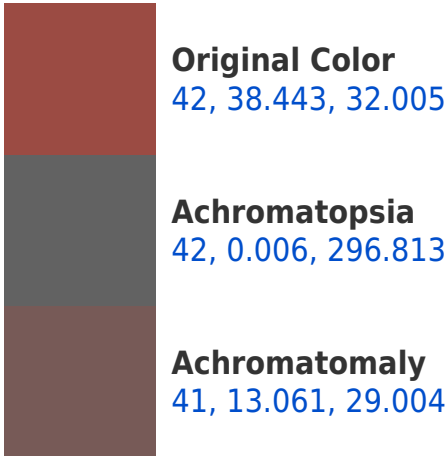


Tritanopia
42, 37.101, 21.034

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 38.443, 32.005 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(155, 75, 67)` looks like.

```
.text, #text, p{  
    color:rgb(155, 75, 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(155, 75, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 75, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 38.443, 32.005 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(155, 75, 67) }
```

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

```
.border{ border-color:rgb(155, 75, 67) }
```

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

Here you see how a box with a 4 pixel rgb(155, 75, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 75, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 75, 67);  
box-shadow:4px 4px 4px 4px rgb(155, 75,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 38.443, 32.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 75, 67) }
```

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

```
.background{ background-color: rgb(155, 75,  
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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