

Converting Colors

CIELCh(43, 37.864, 33.730)

Have a look what the booklet for
CIELCh(43, 37.864, 33.730) contains.

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Color

CIELCh(43, 37.917, 34.289)

Conversions

Conversions Part 1

Format	Color
Hex	9D4F44
RGB	157, 79, 68
RGB Percent	62%, 31%, 27%
CMY	0.3846, 0.6905, 0.7336
CMYK	0.00, 0.50, 0.57, 0.38
HSL	7°, 40%, 44%
HSV	7°, 57%, 62%
XYZ	17.7204, 13.1578, 7.0638
YIQ	101.0680, 50.0190, 13.1150

Conversions

Conversions Part 2

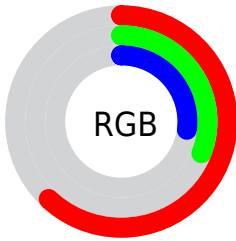
Format	Color
RYB	157, 81, 68
Decimal	10309444
CIELab	43.00, 31.33, 21.36
CIELCh	43, 37.917, 34.289
Yxy	13.1578, 0.4670, 0.3468
Android (android.graphics.Color)	4288499524 (0xFF9D4F44)
YUV	101.0680, -16.3025, 49.0524
Hunter-Lab	36.2736, 23.7222, 13.8456

Details

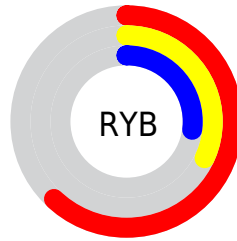
The CIELCh color **43, 37.917, 34.289** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **56, 24.417, 212.424**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 37.948, 34.634**, and **23, 37.624, 34.261** is the 20% darker color. If you saturate the color by 10%, you get **40, 46.025, 35.766**, and if you desaturate by 10%, it is **46, 30.123, 33.156**.

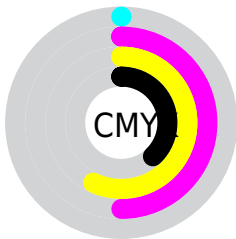
Distribution



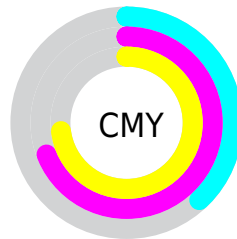
- Red (62%)
- Green (31%)
- Blue (27%)



- Red (62%)
- Yellow (32%)
- Blue (27%)



- Cyan (0%)
- Magenta (50%)
- Yellow (57%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 37.917, 34.289 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 43, 37.917, 34.289 by changing the saturation by 10% instead.

■ 43, 37.917, 34.289

■ 43, 37.917, 34.289

■ 100, 37.917,
34.289

■ 33, 37.917, 34.289

■ 63, 37.917, 34.289

■ 23, 37.917, 34.289

■ 73, 37.917, 34.289

■ 13, 37.917, 34.289

■ 83, 37.917, 34.289

■ 3, 37.917, 34.289

■ 93, 37.917, 34.289

■ 0, 37.917, 34.289

■ 43, 37.917, 34.289

■ 43, 37.917, 34.289

■ 40, 46.025, 35.766

■ 46, 30.123, 33.156

■ 37, 54.218, 37.549

■ 50, 22.771, 32.319

35, 62.016, 39.432

54, 15.912, 31.725

34, 68.551, 40.991

58, 9.555, 31.317

33, 70.510, 41.624

62, 3.683, 31.002

66, 1.739, 211.271

70, 6.753, 211.035

74, 11.403,
211.034

79, 15.730,
211.097

Harmonies

Complementary

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



43, 37.917, 34.289



56, 24.417, 212.424

Rectangle

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



43, 37.917, 34.289



43, 37.917, 84.289



43, 37.917, 214.289



43, 37.917, 264.289

Sweetspot

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



43, 37.915, 34.292



73, 12.070, 31.339



43, 54.181, 331.068



37, 8.115, 31.404



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



43, 37.915, 34.292



51, 58.514, 36.205



54, 35.346, 79.392



31, 3.157, 31.086



30, 65.298, 41.410



1, 4.011, 30.363

Inverse Universe

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



56, 24.417, 212.424



70, 33.372, 213.611



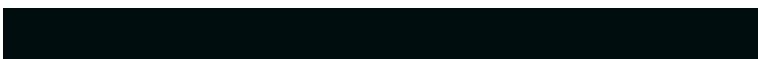
43, 33.859, 277.866



33, 2.978, 211.060



48, 28.593, 218.518



3, 3.918, 213.630

Previews

White Background



This preview shows how the CIELCh color 43, 37.917, 34.289 looks on a white background.

Color Contrast Check

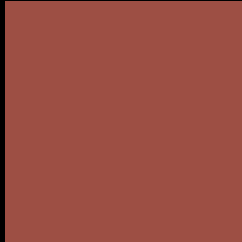
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 37.917, 34.289 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 43, 37.917, 34.289

Background



This preview shows how black text looks on a background with the CIELCh color 43, 37.917, 34.289.



This preview shows how white text looks on a background with the CIELCh color 43, 37.917, 34.289.

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

43, 37.917, 34.289

Protanopia

43, 14.662, 95.611

Deuteranopia

43, 23.208, 76.517



Tritanopia
43, 36.462, 20.705

Trichromacy



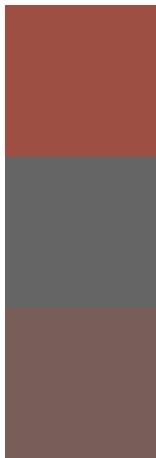
Original Color
43, 37.917, 34.289

Protanomaly
43, 19.424, 58.333

Deuteranomaly
43, 26.373, 55.270

Tritanomaly
43, 36.781, 25.935

Monochromacy



Original Color
43, 37.917, 34.289

Achromatopsia
43, 0.006, 296.813

Achromatomaly
42, 12.677, 31.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 37.917, 34.289 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(157, 79, 68)` looks like.

```
.text, #text, p{  
    color:rgb(157, 79, 68)  
}
```

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(157, 79, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 79, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 37.917, 34.289 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(157, 79, 68) }
```

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

```
.border{ border-color:rgb(157, 79, 68) }
```

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

Here you see how a box with a 4 pixel rgb(157, 79, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 79, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 79, 68);  
box-shadow:4px 4px 4px 4px rgb(157, 79,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 37.917, 34.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 79, 68) }
```

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

```
.background{ background-color: rgb(157, 79,  
68) }
```

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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