

Converting Colors

CIELCh(42, 41.621, 36.254)

Have a look what the booklet for
CIELCh(42, 41.621, 36.254) contains.

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Color

CIELCh(42, 41.924, 36.359)

Conversions

Conversions Part 1

Format	Color
Hex	9E4A3C
RGB	158, 74, 60
RGB Percent	62%, 29%, 24%
CMY	0.3803, 0.7097, 0.7646
CMYK	0.00, 0.53, 0.62, 0.38
HSL	9°, 45%, 43%
HSV	9°, 62%, 62%
XYZ	17.3737, 12.5000, 5.7754
YIQ	97.5200, 54.5580, 13.4540

Conversions

Conversions Part 2

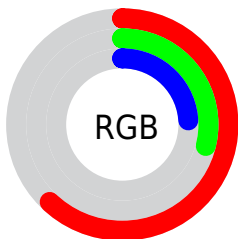
Format	Color
R _Y B	158, 76, 60
Decimal	10373692
CIE Lab	42.00, 33.76, 24.85
CIE LCh	42, 41.924, 36.359
Yxy	12.5000, 0.4874, 0.3506
Android (android.graphics.Color)	4288563772 (0xFF9E4A3C)
YUV	97.5200, -18.4974, 53.0410
Hunter-Lab	35.3553, 25.8434, 15.0635

Details

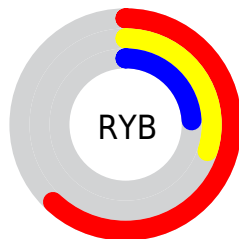
The CIELCh color **42, 41.924, 36.359** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **55, 25.658, 215.730**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 41.977, 36.192**, and **22, 41.735, 36.764** is the 20% darker color. If you saturate the color by 10%, you get **39, 50.130, 37.813**, and if you desaturate by 10%, it is **45, 33.957, 35.214**.

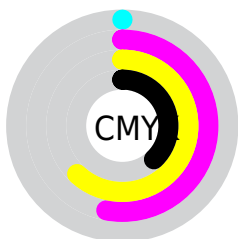
Distribution



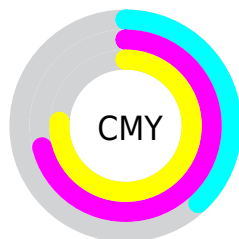
- Red (62%)
- Green (29%)
- Blue (24%)



- Red (62%)
- Yellow (30%)
- Blue (24%)



- Cyan (0%)
- Magenta (53%)
- Yellow (62%)
- Black (38%)



- Cyan (38%)
- Magenta (71%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 42, 41.924, 36.359 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, 41.924, 36.359 by changing the saturation by 10% instead.

■ 42, 41.924, 36.359

■ 42, 41.924, 36.359

■ 100, 41.924,
36.359

■ 32, 41.924, 36.359

■ 62, 41.924, 36.359

■ 22, 41.924, 36.359

■ 72, 41.924, 36.359

■ 12, 41.924, 36.359

■ 82, 41.924, 36.359

■ 2, 41.924, 36.359

■ 92, 41.924, 36.359

■ 0, 41.924, 36.359

■ 42, 41.924, 36.359

■ 42, 41.924, 36.359

■ 39, 50.130, 37.813

■ 45, 33.957, 35.214

■ 37, 58.244, 39.460

■ 49, 26.398, 34.363

35, 65.539, 40.929

52, 19.323, 33.766

34, 70.501, 42.086

56, 12.754, 33.371

60, 6.682, 33.118

64, 1.077, 32.661

68, 4.102, 213.204

73, 8.898, 213.212

77, 13.355,
213.314

Harmonies

Complementary

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



42, 41.924, 36.359



55, 25.658, 215.730

Rectangle

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



42, 41.924, 36.359



42, 41.924, 86.359



42, 41.924, 216.359



42, 41.924, 266.359

Sweetspot

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



42, 41.922, 36.362



73, 13.541, 33.293



42, 57.915, 331.990



38, 9.498, 33.373



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



42, 41.922, 36.362



50, 64.587, 38.366



54, 39.296, 80.073



31, 3.110, 33.059



30, 64.926, 41.903



1, 3.954, 32.287

Inverse Universe

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



55, 25.658, 215.730



69, 34.639, 217.561



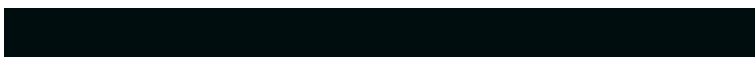
41, 38.287, 280.800



33, 2.935, 213.190



47, 28.371, 222.515



3, 3.860, 216.040

Previews

White Background



This preview shows how the CIELCh color 42, 41.924, 36.359 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 CIELCh color 42, 41.924, 36.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

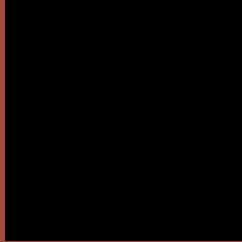
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 41.924, 36.359

Background



This preview shows how black text looks on a background with the CIELCh color 42, 41.924, 36.359.



This preview shows how white text looks on a background with the CIELCh color 42, 41.924, 36.359.

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, 41.924, 36.359

Protanopia

42, 18.288, 95.833

Deuteranopia

42, 26.988, 77.619



Tritanopia
42, 39.437, 21.804

Trichromacy



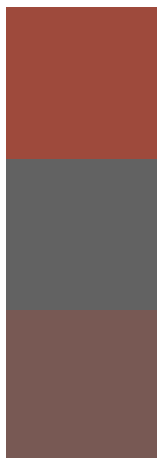
Original Color
42, 41.924, 36.359

Protanomaly
42, 22.872, 61.158

Deuteranomaly
42, 30.352, 57.030

Tritanomaly
42, 40.049, 27.401

Monochromacy



Original Color
42, 41.924, 36.359

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 14.333, 33.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 41.924, 36.359 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(158, 74, 60)` looks like.

```
.text, #text, p{  
    color:rgb(158, 74, 60)  
}
```

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(158, 74, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 74, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 41.924, 36.359 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(158, 74, 60) }
```

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

```
.border{ border-color:rgb(158, 74, 60) }
```

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

Here you see how a box with a 4 pixel rgb(158, 74, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 74, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 74, 60);  
box-shadow:4px 4px 4px 4px rgb(158, 74,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 41.924, 36.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 74, 60) }
```

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

```
.background{ background-color: rgb(158, 74,  
60) }
```

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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