

Converting Colors

CIELCh(41, 48.423, 39.029)

Have a look what the booklet for
CIELCh(41, 48.423, 39.029) contains.

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Color

CIELCh(41, 48.356, 38.574)

Conversions

Conversions Part 1

Format	Color
Hex	A14331
RGB	161, 67, 49
RGB Percent	63%, 26%, 19%
CMY	0.3677, 0.7364, 0.8071
CMYK	0.00, 0.58, 0.69, 0.37
HSL	10°, 53%, 41%
HSV	10°, 69%, 63%
XYZ	17.3246, 11.8645, 4.3031
YIQ	93.0540, 61.8020, 14.3300

Conversions

Conversions Part 2

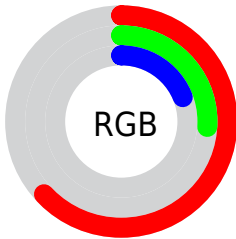
Format	Color
RYB	161, 70, 49
Decimal	10568497
CIELab	41.00, 37.80, 30.15
CIELCh	41, 48.356, 38.574
Yxy	11.8645, 0.5173, 0.3542
Android (android.graphics.Color)	4288758577 (0xFFA14331)
YUV	93.0540, -21.7186, 59.5886
Hunter-Lab	34.4449, 29.5005, 16.7045

Details

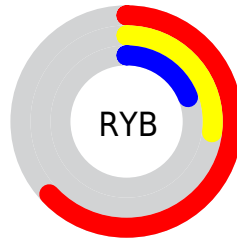
The CIELCh color **41, 48.356, 38.574** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **55, 27.522, 219.579**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 48.516, 38.358**, and **21, 48.282, 38.729** is the 20% darker color. If you saturate the color by 10%, you get **38, 56.652, 39.990**, and if you desaturate by 10%, it is **44, 40.095, 37.371**.

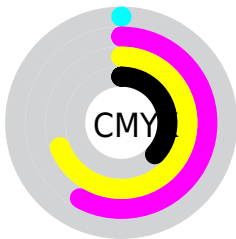
Distribution



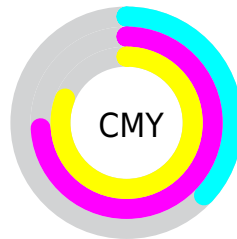
- Red (63%)
- Green (26%)
- Blue (19%)



- Red (63%)
- Yellow (27%)
- Blue (19%)



- Cyan (0%)
- Magenta (58%)
- Yellow (69%)
- Black (37%)



- Cyan (37%)
- Magenta (74%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 48.356, 38.574 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 41, 48.356, 38.574 by changing the saturation by 10% instead.

41, 48.356, 38.574

41, 48.356, 38.574

100, 48.356,
38.574

31, 48.356, 38.574

61, 48.356, 38.574

21, 48.356, 38.574

71, 48.356, 38.574

11, 48.356, 38.574

81, 48.356, 38.574

1, 48.356, 38.574

91, 48.356, 38.574

0, 48.356, 38.574

41, 48.356, 38.574

41, 48.356, 38.574

38, 56.652, 39.990

44, 40.095, 37.371

36, 64.381, 41.326

47, 32.156, 36.446

35, 70.888, 42.474

51, 24.667, 35.787

35, 71.209, 42.560

55, 17.686, 35.353

59, 11.218, 35.096

62, 5.245, 34.949

67, 0.269, 216.796

71, 5.367, 215.229

75, 10.093,
215.341

Harmonies

Complementary

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



41, 48.356, 38.574



55, 27.522, 219.579

Rectangle

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



41, 48.356, 38.574



41, 48.356, 88.574



41, 48.356, 218.574



41, 48.356, 268.574

Sweetspot

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



41, 48.354, 38.577



73, 15.048, 35.133



41, 63.191, 333.109



37, 10.273, 35.192



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



41, 48.354, 38.577



49, 73.618, 40.707



54, 45.014, 80.357



32, 3.153, 34.946



31, 65.498, 42.450



2, 4.794, 33.381

Inverse Universe

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



55, 27.522, 219.579



68, 36.183, 222.546



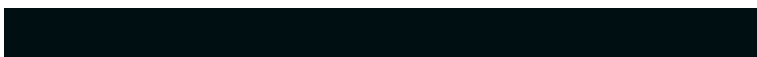
38, 45.015, 284.472



34, 2.975, 215.228



47, 28.645, 226.362



3, 4.624, 219.812

Previews

White Background



This preview shows how the CIELCh color 41, 48.356, 38.574 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 41, 48.356, 38.574 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 41, 48.356, 38.574

Background



This preview shows how black text looks on a background with the CIELCh color 41, 48.356, 38.574.



This preview shows how white text looks on a background with the CIELCh color 41, 48.356, 38.574.

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

41, 48.356, 38.574

Protanopia

41, 22.501, 95.851

Deuteranopia

41, 32.457, 80.327



Tritanopia
41, 44.470, 24.288

Trichromacy



Original Color
41, 48.356, 38.574

Protanomaly
40, 27.302, 61.616

Deuteranomaly
41, 35.624, 59.927

Tritanomaly
41, 45.547, 29.826

Monochromacy



Original Color
41, 48.356, 38.574

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 16.310, 36.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 48.356, 38.574 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(161, 67, 49)` looks like.

```
.text, #text, p{  
    color:rgb(161, 67, 49)  
}
```

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(161, 67, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 67, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 48.356, 38.574 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(161, 67, 49) }
```

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

```
.border{ border-color:rgb(161, 67, 49) }
```

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

Here you see how a box with a 4 pixel rgb(161, 67, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 67, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 67, 49);  
box-shadow:4px 4px 4px 4px rgb(161, 67,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 48.356, 38.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 67, 49) }
```

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

```
.background{ background-color: rgb(161, 67,  
49) }
```

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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