

Converting Colors

CIELCh(43, 53.312, 38.496)

Have a look what the booklet for
CIELCh(43, 53.312, 38.496) contains.

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Color

CIELCh(43, 52.986, 38.505)

Conversions

Conversions Part 1

Format	Color
Hex	AC4431
RGB	172, 68, 49
RGB Percent	67%, 27%, 19%
CMY	0.3249, 0.7328, 0.8074
CMYK	0.00, 0.60, 0.71, 0.32
HSL	9°, 56%, 43%
HSV	9°, 71%, 68%
XYZ	19.6749, 13.1578, 4.4200
YIQ	96.9300, 68.0830, 16.1390

Conversions

Conversions Part 2

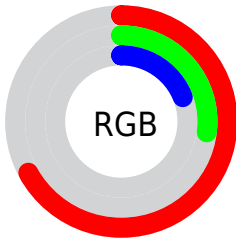
Format	Color
RYB	172, 71, 49
Decimal	11289649
CIELab	43.00, 41.46, 32.99
CIElCh	43, 52.986, 38.505
Yxy	13.1578, 0.5281, 0.3532
Android (android.graphics.Color)	4289479729 (0xFFAC4431)
YUV	96.9300, -23.6295, 65.8364
Hunter-Lab	36.2736, 33.3398, 18.1670

Details

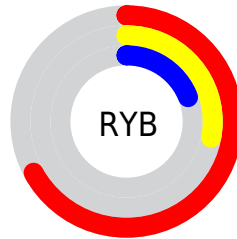
The CIELCh color **43, 52.986, 38.505** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **58, 29.441, 218.932**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 53.137, 38.524**, and **23, 52.979, 38.684** is the 20% darker color. If you saturate the color by 10%, you get **40, 61.678, 40.024**, and if you desaturate by 10%, it is **46, 44.213, 37.171**.

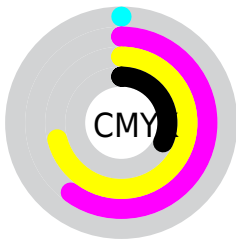
Distribution



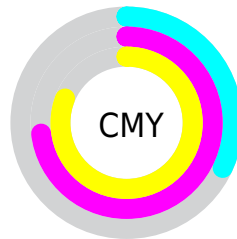
- Red (67%)
- Green (27%)
- Blue (19%)



- Red (67%)
- Yellow (28%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (71%)
- Black (32%)



- Cyan (32%)
- Magenta (73%)
- Yellow (81%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 52.986, 38.505 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, 52.986, 38.505 by changing the saturation by 10% instead.

■ 43, 52.986, 38.505 ■ 43, 52.986, 38.505

■ 100, 52.986, 38.505 ■ 33, 52.986, 38.505

■ 63, 52.986, 38.505 ■ 23, 52.986, 38.505

■ 73, 52.986, 38.505 ■ 13, 52.986, 38.505

■ 83, 52.986, 38.505 ■ 3, 52.986, 38.505

■ 93, 52.986, 38.505 ■ 0, 52.986, 38.505

■ 43, 52.986, 38.505 ■ 43, 52.986, 38.505

■ 40, 61.678, 40.024 ■ 46, 44.213, 37.171

■ 38, 69.511, 41.344 ■ 50, 35.721, 36.122

37, 75.097, 42.365

53, 27.682, 35.357

57, 20.169, 34.836

61, 13.204, 34.510

65, 6.770, 34.317

70, 0.834, 33.760

74, 4.649, 214.510

78, 9.726, 214.573

Harmonies

Complementary

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



43, 52.986, 38.505



58, 29.441, 218.932

Rectangle

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



43, 52.986, 38.505



43, 52.986, 88.505



43, 52.986, 218.505



43, 52.986, 268.505

Sweetspot

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



43, 52.984, 38.508



78, 16.013, 34.507



43, 67.754, 333.259



40, 10.944, 34.578



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



43, 52.984, 38.508



51, 81.189, 40.890



57, 48.725, 79.985



34, 3.331, 34.282



32, 67.510, 42.333



2, 6.947, 31.286

Inverse Universe

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



58, 29.441, 218.932



73, 38.637, 222.176



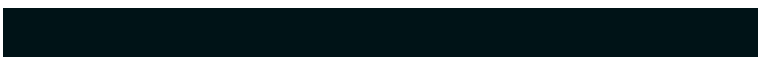
40, 48.946, 285.248



36, 3.141, 214.509



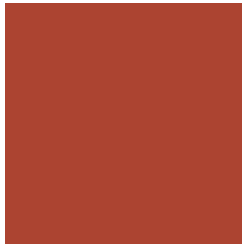
49, 29.394, 225.124



5, 6.562, 221.248

Previews

White Background



This preview shows how the CIELCh color 43, 52.986, 38.505 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 43, 52.986, 38.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

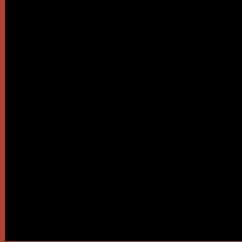
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 52.986, 38.505

Background



This preview shows how black text looks on a background with the CIELCh color 43, 52.986, 38.505.



This preview shows how white text looks on a background with the CIELCh color 43, 52.986, 38.505.

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, 52.986, 38.505

Protanopia

43, 24.679, 95.543

Deuteranopia

43, 35.208, 80.474



Tritanopia
43, 49.217, 25.369

Trichromacy



Original Color
43, 52.986, 38.505

Protanomaly
42, 29.880, 61.397

Deuteranomaly
43, 38.641, 60.255

Tritanomaly
43, 50.394, 30.260

Monochromacy



Original Color
43, 52.986, 38.505

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 17.551, 35.385

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 52.986, 38.505 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(172, 68, 49)` looks like.

```
.text, #text, p{  
    color:rgb(172, 68, 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(172, 68, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 68, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 52.986, 38.505 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(172, 68, 49) }
```

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

```
.border{ border-color:rgb(172, 68, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 68, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 68, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 68, 49);  
box-shadow:4px 4px 4px 4px rgb(172, 68,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 52.986, 38.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 68, 49) }
```

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

```
.background{ background-color: rgb(172, 68,  
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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