

Converting Colors

CIELCh(44, 51.757, 39.135)

Have a look what the booklet for
CIELCh(44, 51.757, 39.135) contains.

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Color

CIELCh(44, 51.530, 38.970)

Conversions

Conversions Part 1

Format	Color
Hex	AD4834
RGB	173, 72, 52
RGB Percent	68%, 28%, 20%
CMY	0.3204, 0.7166, 0.7952
CMYK	0.00, 0.58, 0.70, 0.32
HSL	10°, 54%, 44%
HSV	10°, 70%, 68%
XYZ	20.2612, 13.8382, 4.8796
YIQ	99.9190, 66.6160, 15.1920

Conversions

Conversions Part 2

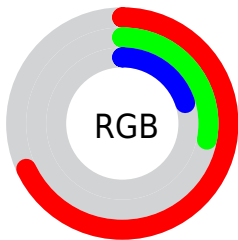
Format	Color
R_{YB}	173, 76, 52
Decimal	11356212
CIE _{Lab}	44.00, 40.06, 32.41
CIE _{LCh}	44, 51.530, 38.970
Yxy	13.8382, 0.5198, 0.3550
Android (android.graphics.Color)	4289546292 (0xFFAD4834)
YUV	99.9190, -23.6241, 64.0920
Hunter-Lab	37.1997, 32.1220, 18.2625

Details

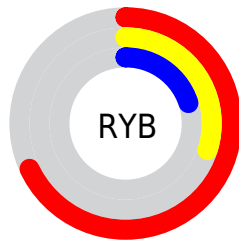
The CIELCh color **44, 51.530, 38.970** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **59, 29.133, 220.460**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 51.377, 39.282**, and **24, 51.413, 39.208** is the 20% darker color. If you saturate the color by 10%, you get **41, 60.304, 40.348**, and if you desaturate by 10%, it is **47, 42.767, 37.788**.

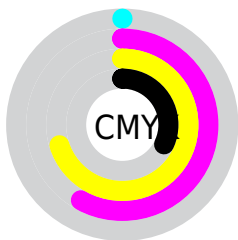
Distribution



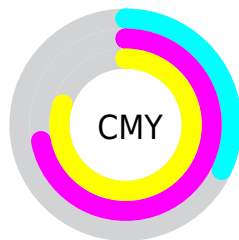
- Red (68%)
- Green (28%)
- Blue (20%)



- Red (68%)
- Yellow (30%)
- Blue (20%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (32%)



- Cyan (32%)
- Magenta (72%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 51.530, 38.970 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 44, 51.530, 38.970 by changing the saturation by 10% instead.

■ 44, 51.530, 38.970

■ 44, 51.530, 38.970

■ 100, 51.530,
38.970

■ 34, 51.530, 38.970

■ 64, 51.530, 38.970

■ 24, 51.530, 38.970

■ 74, 51.530, 38.970

■ 14, 51.530, 38.970

■ 84, 51.530, 38.970

■ 4, 51.530, 38.970

■ 94, 51.530, 38.970

■ 0, 51.530, 38.970

■ 44, 51.530, 38.970

■ 44, 51.530, 38.970

■ 41, 60.304, 40.348

■ 47, 42.767, 37.788

■ 39, 68.404, 41.599

■ 51, 34.336, 36.876

37, 75.098, 42.606

54, 26.384, 36.231

37, 75.194, 42.632

58, 18.970, 35.813

62, 12.106, 35.571

67, 5.768, 35.444

71, 0.080, 221.720

75, 5.484, 215.758

80, 10.493,
215.885

Harmonies

Complementary

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



44, 51.530, 38.970



59, 29.133, 220.460

Rectangle

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



44, 51.530, 38.970



44, 51.530, 88.970



44, 51.530, 218.970



44, 51.530, 268.970

Sweetspot

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



44, 51.528, 38.973



78, 15.892, 35.598



44, 67.125, 333.158



40, 10.862, 35.653



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



44, 51.528, 38.973



52, 78.822, 41.099



57, 47.962, 80.238



34, 3.306, 35.438



32, 67.261, 42.642



2, 6.900, 32.226

Inverse Universe

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



59, 29.133, 220.460



72, 38.292, 223.742



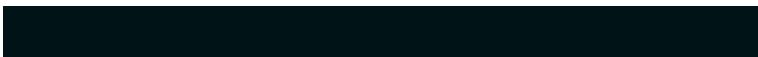
41, 48.029, 284.720



36, 3.119, 215.758



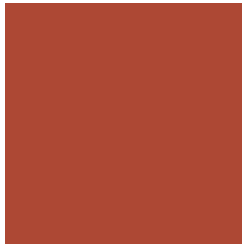
48, 29.371, 227.450



5, 6.520, 222.909

Previews

White Background



This preview shows how the CIELCh color 44, 51.530, 38.970 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 44, 51.530, 38.970 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 44, 51.530, 38.970

Background



This preview shows how black text looks on a background with the CIELCh color 44, 51.530, 38.970.



This preview shows how white text looks on a background with the CIELCh color 44, 51.530, 38.970.

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

44, 51.530, 38.970

Protanopia

44, 25.038, 96.867

Deuteranopia

44, 34.577, 80.419



Tritanopia
44, 47.456, 24.046

Trichromacy



Original Color
44, 51.530, 38.970

Protanomaly
43, 29.749, 62.764

Deuteranomaly
44, 37.961, 59.903

Tritanomaly
44, 48.721, 29.817

Monochromacy



Original Color
44, 51.530, 38.970

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 17.423, 35.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 51.530, 38.970 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(173, 72, 52)` looks like.

```
.text, #text, p{  
    color:rgb(173, 72, 52)  
}
```

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(173, 72, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 72, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 51.530, 38.970 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(173, 72, 52) }
```

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

```
.border{ border-color:rgb(173, 72, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 72, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 72, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 72, 52);  
box-shadow:4px 4px 4px 4px rgb(173, 72,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 51.530, 38.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 72, 52) }
```

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

```
.background{ background-color: rgb(173, 72,  
52) }
```

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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