

Converting Colors

CIELCh(43, 39.862, 68.300)

Have a look what the booklet for
CIELCh(43, 39.862, 68.300) contains.

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Color

CIELCh(43, 39.796, 68.370)

Conversions

Conversions Part 1

Format	Color
Hex	8B5B27
RGB	139, 91, 39
RGB Percent	55%, 36%, 15%
CMY	0.4542, 0.6426, 0.8465
CMYK	0.00, 0.35, 0.72, 0.45
HSL	31°, 56%, 35%
HSV	31°, 72%, 55%
XYZ	14.7974, 13.1578, 3.6914
YIQ	99.4240, 45.3000, -5.9960

Conversions

Conversions Part 2

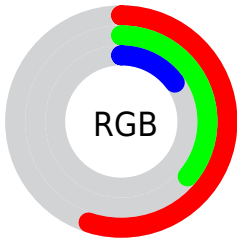
Format	Color
RYB	131, 139, 39
Decimal	9132839
CIELab	43.00, 14.67, 36.99
CIELCh	43, 39.796, 68.370
Yxy	13.1578, 0.4676, 0.4158
Android (android.graphics.Color)	4287322919 (0xFF8B5B27)
YUV	99.4240, -29.7890, 34.7082
Hunter-Lab	36.2736, 9.3383, 19.3578

Details

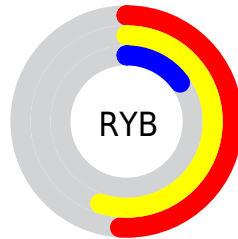
The CIELCh color **43, 39.796, 68.370** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **36, 33.692, 273.543**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 39.698, 68.015**, and **23, 36.038, 65.218** is the 20% darker color. If you saturate the color by 10%, you get **41, 45.406, 66.788**, and if you desaturate by 10%, it is **45, 33.861, 69.772**.

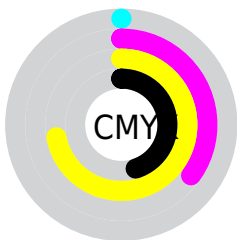
Distribution



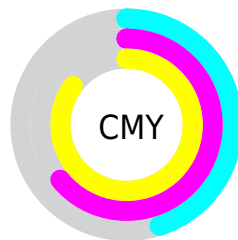
- Red (55%)
- Green (36%)
- Blue (15%)



- Red (51%)
- Yellow (55%)
- Blue (15%)



- Cyan (0%)
- Magenta (35%)
- Yellow (72%)
- Black (45%)



- Cyan (45%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 39.796, 68.370 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, 39.796, 68.370 by changing the saturation by 10% instead.

■ 43, 39.796, 68.370

■ 43, 39.796, 68.370

■ 100, 39.796,
68.370

■ 33, 39.796, 68.370

■ 63, 39.796, 68.370

■ 23, 39.796, 68.370

■ 73, 39.796, 68.370

■ 13, 39.796, 68.370

■ 83, 39.796, 68.370

■ 3, 39.796, 68.370

■ 93, 39.796, 68.370

■ 0, 39.796, 68.370

■ 43, 39.796, 68.370

■ 43, 39.796, 68.370

■ 41, 45.406, 66.788

■ 45, 33.861, 69.772

■ 39, 50.162, 64.811

■ 47, 27.907, 71.089

38, 53.699, 63.188

49, 22.084, 72.370

51, 16.460, 73.631

53, 11.058, 74.871

55, 5.876, 76.078

58, 0.904, 77.029

60, 3.875, 258.569

62, 8.481, 259.666

Harmonies

Complementary

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



43, 39.796, 68.370



36, 33.692, 273.543

Rectangle

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



43, 39.796, 68.370



43, 39.796, 118.370



43, 39.796, 248.370



43, 39.796, 298.370

Sweetspot

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



43, 39.795, 68.373



68, 13.803, 74.797



33, 46.501, 353.806



35, 9.395, 74.507



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



43, 39.795, 68.373



52, 58.724, 65.670



56, 52.065, 104.804



28, 2.752, 76.395



36, 51.812, 63.371



1, 1.259, 77.543

Inverse Universe

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



36, 33.692, 273.543



42, 49.764, 279.852



23, 64.929, 301.992



27, 2.705, 258.769



28, 44.970, 284.645



1, 1.259, 257.555

Previews

White Background



This preview shows how the CIELCh color 43, 39.796, 68.370 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, 39.796, 68.370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

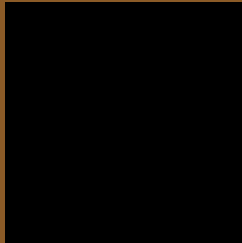
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 39.796, 68.370

Background



This preview shows how black text looks on a background with the CIELCh color 43, 39.796, 68.370.



This preview shows how white text looks on a background with the CIELCh color 43, 39.796, 68.370.

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, 39.796, 68.370

Protanopia

43, 35.024, 95.403

Deuteranopia

43, 38.060, 81.800



Tritanopia
43, 24.838, 14.967

Trichromacy



Original Color
43, 39.796, 68.370

Protanomaly
43, 35.553, 84.812

Deuteranomaly
43, 38.218, 77.072

Tritanomaly
43, 26.884, 41.554

Monochromacy



Original Color
43, 39.796, 68.370

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 13.879, 74.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 39.796, 68.370 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(139, 91, 39)` looks like.

```
.text, #text, p{  
    color:rgb(139, 91, 39)  
}
```

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(139, 91, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 91, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 39.796, 68.370 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(139, 91, 39) }
```

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

```
.border{ border-color:rgb(139, 91, 39) }
```

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

Here you see how a box with a 4 pixel rgb(139, 91, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 91, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 91, 39);  
box-shadow:4px 4px 4px 4px rgb(139, 91,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 39.796, 68.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 91, 39) }
```

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

```
.background{ background-color: rgb(139, 91,  
39) }
```

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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