

Converting Colors

CIELCh(43, 68.019, 42.708)

Have a look what the booklet for
CIELCh(43, 68.019, 42.708) contains.

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Color

CIELCh(43, 68.086, 42.612)

Conversions

Conversions Part 1

Format	Color
Hex	B83819
RGB	184, 56, 25
RGB Percent	72%, 22%, 10%
CMY	0.2772, 0.7792, 0.9010
CMYK	0.00, 0.69, 0.86, 0.28
HSL	12°, 76%, 41%
HSV	12°, 86%, 72%
XYZ	21.4507, 13.1578, 2.3429
YIQ	90.7380, 86.2390, 17.4950

Conversions

Conversions Part 2

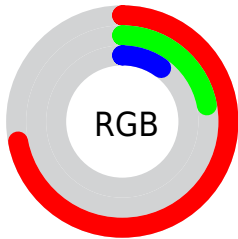
Format	Color
RYB	184, 64, 25
Decimal	12072985
CIELab	43.00, 50.11, 46.10
CIELCh	43, 68.086, 42.612
Yxy	13.1578, 0.5805, 0.3561
Android (android.graphics.Color)	4290263065 (0xFFB83819)
YUV	90.7380, -32.4088, 81.7908
Hunter-Lab	36.2736, 42.0787, 21.5621

Details

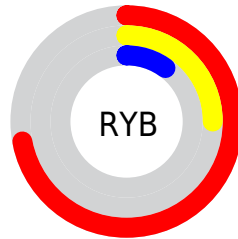
The CIELCh color **43, 68.086, 42.612** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **59, 33.133, 229.786**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 68.244, 42.675**, and **24, 59.286, 38.033** is the 20% darker color. If you saturate the color by 10%, you get **41, 75.402, 43.051**, and if you desaturate by 10%, it is **46, 59.257, 41.638**.

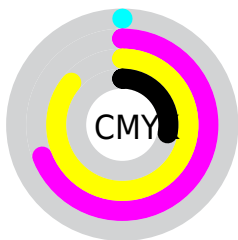
Distribution



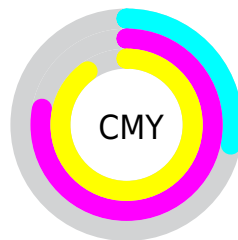
- Red (72%)
- Green (22%)
- Blue (10%)



- Red (72%)
- Yellow (25%)
- Blue (10%)



- Cyan (0%)
- Magenta (69%)
- Yellow (86%)
- Black (28%)



- Cyan (28%)
- Magenta (78%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 68.086, 42.612 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, 68.086, 42.612 by changing the saturation by 10% instead.

■ 43, 68.086, 42.612 ■ 43, 68.086, 42.612

■ 100, 68.086,
42.612 ■ 33, 68.086, 42.612

■ 63, 68.086, 42.612 ■ 23, 68.086, 42.612

■ 73, 68.086, 42.612 ■ 13, 68.086, 42.612

■ 83, 68.086, 42.612 ■ 3, 68.086, 42.612

■ 93, 68.086, 42.612 ■ 0, 68.086, 42.612

■ 43, 68.086, 42.612 ■ 43, 68.086, 42.612

■ 41, 75.402, 43.051 ■ 46, 59.257, 41.638

■ 40, 77.915, 43.360 ■ 49, 50.059, 40.631

■ 52, 41.049, 39.809

■ 56, 32.476, 39.225

■ 60, 24.447, 38.863

■ 64, 16.994, 38.688

■ 68, 10.106, 38.655

■ 72, 3.750, 38.674

■ 77, 2.119, 219.246

Harmonies

Complementary

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



43, 68.086, 42.612



59, 33.133, 229.786

Rectangle

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



43, 68.086, 42.612



43, 68.086, 92.612



43, 68.086, 222.612



43, 68.086, 272.612

Sweetspot

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



43, 68.084, 42.614



81, 20.807, 38.690



43, 76.497, 335.899



41, 14.298, 38.732



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



43, 68.084, 42.614



52, 95.390, 42.972



59, 60.499, 80.184



37, 3.403, 38.677



34, 68.326, 43.586



3, 9.354, 33.053

Inverse Universe

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



59, 33.133, 229.786



72, 41.893, 235.215



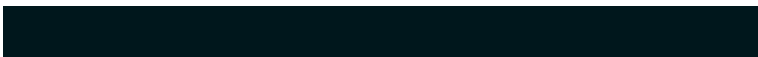
36, 67.006, 292.805



38, 3.212, 219.256



48, 30.273, 233.957



6, 8.550, 228.530

Previews

White Background



This preview shows how the CIELCh color 43, 68.086, 42.612 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, 68.086, 42.612 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, 68.086, 42.612

Background



This preview shows how black text looks on a background with the CIELCh color 43, 68.086, 42.612.



This preview shows how white text looks on a background with the CIELCh color 43, 68.086, 42.612.

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, 68.086, 42.612

Protanopia

43, 37.832, 96.440

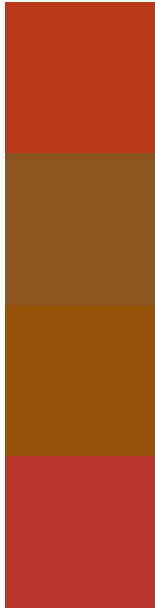
Deuteranopia

43, 50.912, 83.732



Tritanopia
43, 60.670, 29.730

Trichromacy



Original Color
43, 68.086, 42.612

Protanomaly
42, 42.621, 65.428

Deuteranomaly
42, 54.141, 63.969

Tritanomaly
43, 63.367, 35.145

Monochromacy



Original Color
43, 68.086, 42.612

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 23.643, 38.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 68.086, 42.612 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(184, 56, 25)` looks like.

```
.text, #text, p{  
    color:rgb(184, 56, 25)  
}
```

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(184, 56, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 56, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 68.086, 42.612 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(184, 56, 25) }
```

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

```
.border{ border-color:rgb(184, 56, 25) }
```

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

Here you see how a box with a 4 pixel rgb(184, 56, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 56, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 56, 25);  
box-shadow:4px 4px 4px 4px rgb(184, 56,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 68.086, 42.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 56, 25) }
```

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

```
.background{ background-color: rgb(184, 56,  
25) }
```

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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