

Converting Colors

CIELCh(43, 66.063, 53.952)

Have a look what the booklet for
CIELCh(43, 66.063, 53.952) contains.

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Color

CIELCh(43, 66.268, 53.812)

Conversions

Conversions Part 1

Format	Color
Hex	AC4600
RGB	172, 70, 0
RGB Percent	67%, 27%, 0%
CMY	0.3254, 0.7254, 0.9999
CMYK	0.00, 0.59, 1.00, 0.33
HSL	24°, 100%, 34%
HSV	24°, 100%, 67%
XYZ	19.2121, 13.1578, 1.5279
YIQ	92.5180, 83.2620, -0.1460

Conversions

Conversions Part 2

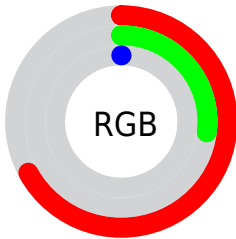
Format	Color
RYB	172, 118, 0
Decimal	11290112
CIELab	43.00, 39.13, 53.48
CIELCh	43, 66.268, 53.812
Yxy	13.1578, 0.5668, 0.3882
Android (android.graphics.Color)	4289480192 (0xFFAC4600)
YUV	92.5180, -45.6114, 69.7057
Hunter-Lab	36.2736, 31.0625, 22.8941

Details

The CIELCh color **43, 66.268, 53.812** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **42, 44.294, 273.006**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 66.403, 53.783**, and **23, 52.542, 41.032** is the 20% darker color. If you saturate the color by 10%, you get **43, 66.277, 53.812**, and if you desaturate by 10%, it is **45, 60.587, 55.593**.

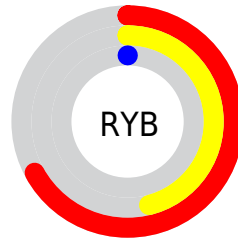
Distribution



Red (67%)

Green (27%)

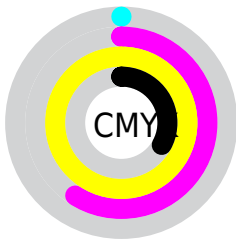
Blue (0%)



Red (67%)

Yellow (46%)

Blue (0%)

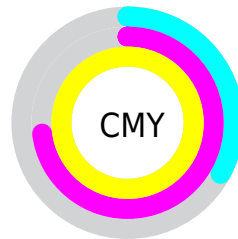


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 66.268, 53.812 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, 66.268, 53.812 by changing the saturation by 10% instead.

43, 66.268, 53.812

43, 66.268, 53.812

100, 66.268,
53.812

33, 66.268, 53.812

63, 66.268, 53.812

23, 66.268, 53.812

73, 66.268, 53.812

13, 66.268, 53.812

83, 66.268, 53.812

3, 66.268, 53.812

93, 66.268, 53.812

0, 66.268, 53.812

43, 66.268, 53.812

43, 66.268, 53.812

43, 66.277, 53.812

45, 60.587, 55.593

47, 53.803, 56.998

- 50, 46.291, 58.026
- 52, 38.689, 58.930
- 55, 31.306, 59.821
- 58, 24.274, 60.740
- 61, 17.637, 61.694
- 64, 11.392, 62.674
- 67, 5.519, 63.650

Harmonies

Complementary

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



43, 66.268, 53.812



42, 44.294, 273.006

Rectangle

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



43, 66.268, 53.812



43, 66.268, 103.812



43, 66.268, 233.812



43, 66.268, 283.812

Sweetspot

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



43, 66.266, 53.814



78, 21.944, 61.641



37, 65.124, 352.712



39, 15.146, 61.249



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, 66.266, 53.814



56, 81.282, 53.104



63, 67.266, 96.035



35, 3.144, 63.713



38, 59.850, 54.244



3, 6.389, 55.520

Inverse Universe

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



42, 44.294, 273.006



54, 54.824, 273.988



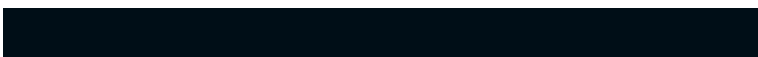
22, 94.675, 304.868



35, 3.036, 245.850



37, 39.790, 272.421



3, 6.857, 255.732

Previews

White Background



This preview shows how the CIELCh color 43, 66.268, 53.812 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, 66.268, 53.812 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, 66.268, 53.812

Background



This preview shows how black text looks on a background with the CIELCh color 43, 66.268, 53.812.



This preview shows how white text looks on a background with the CIELCh color 43, 66.268, 53.812.

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, 66.268, 53.812

Protanopia

43, 45.863, 95.992

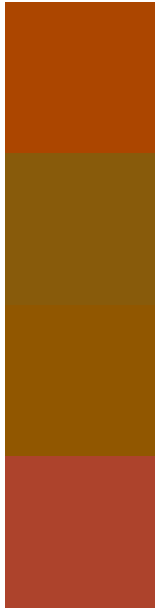
Deuteranopia

43, 50.727, 84.258



Tritanopia
43, 49.645, 25.461

Trichromacy



Original Color
43, 66.268, 53.812

Protanomaly
42, 49.052, 75.622

Deuteranomaly
43, 54.317, 70.097

Tritanomaly
43, 55.218, 40.374

Monochromacy



Original Color
43, 66.268, 53.812

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 24.427, 60.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 66.268, 53.812 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, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(172, 70, 0)  
}
```

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, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 70, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 66.268, 53.812 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, 70, 0) }
```

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

```
.border{ border-color:rgb(172, 70, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 70, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 70, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 70, 0);  
box-shadow:4px 4px 4px 4px rgb(172, 70, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 66.268, 53.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 70, 0) }
```

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

```
.background{ background-color: rgb(172, 70,  
0) }
```

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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