

Converting Colors

CIELCh(43, 56.448, 58.593)

Have a look what the booklet for
CIELCh(43, 56.448, 58.593) contains.

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Color

CIELCh(43, 56.594, 58.803)

Conversions

Conversions Part 1

Format	Color
Hex	A0500F
RGB	160, 80, 15
RGB Percent	63%, 31%, 6%
CMY	0.3741, 0.6875, 0.9427
CMYK	0.00, 0.50, 0.91, 0.37
HSL	27°, 83%, 34%
HSV	27°, 91%, 63%
XYZ	17.3485, 13.1578, 2.0625
YIQ	96.5100, 68.5450, -3.2550

Conversions

Conversions Part 2

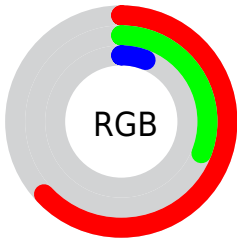
Format	Color
R_{YB}	160, 133, 15
Decimal	10506255
CIE _{Lab}	43.00, 29.31, 48.41
CIE _{LCh}	43, 56.594, 58.803
Yxy	13.1578, 0.5327, 0.4040
Android (android.graphics.Color)	4288696335 (0xFFA0500F)
YUV	96.5100, -40.1844, 55.6807
Hunter-Lab	36.2736, 21.8919, 22.0203

Details

The CIELCh color **43, 56.594, 58.803** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **39, 41.547, 273.818**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 56.607, 58.687**, and **23, 45.118, 48.996** is the 20% darker color. If you saturate the color by 10%, you get **41, 61.287, 57.029**, and if you desaturate by 10%, it is **45, 50.623, 60.504**.

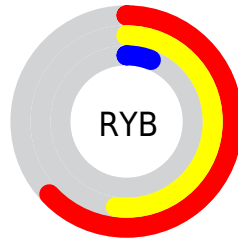
Distribution



Red (63%)

Green (31%)

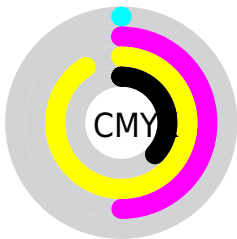
Blue (6%)



Red (63%)

Yellow (52%)

Blue (6%)

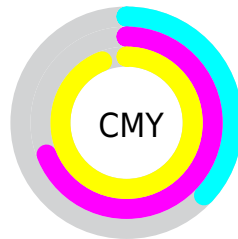


Cyan (0%)

Magenta (50%)

Yellow (91%)

Black (37%)



Cyan (37%)

Magenta (69%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 56.594, 58.803 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, 56.594, 58.803 by changing the saturation by 10% instead.

43, 56.594, 58.803

43, 56.594, 58.803

100, 56.594,
58.803

33, 56.594, 58.803

63, 56.594, 58.803

23, 56.594, 58.803

73, 56.594, 58.803

13, 56.594, 58.803

83, 56.594, 58.803

3, 56.594, 58.803

93, 56.594, 58.803

0, 56.594, 58.803

43, 56.594, 58.803

43, 56.594, 58.803

41, 61.287, 57.029

45, 50.623, 60.504

47, 43.858, 61.801

■ 50, 36.905, 62.937

■ 52, 30.076, 64.028

■ 55, 23.513, 65.117

■ 57, 17.270, 66.218

■ 60, 11.353, 67.324

■ 63, 5.749, 68.414

■ 65, 0.434, 68.793

Harmonies

Complementary

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



43, 56.594, 58.803



39, 41.547, 273.818

Rectangle

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



43, 56.594, 58.803



43, 56.594, 108.803



43, 56.594, 238.803



43, 56.594, 288.803

Sweetspot

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



43, 56.592, 58.806



74, 18.472, 66.588



35, 59.817, 352.673



38, 12.658, 66.235



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



43, 56.592, 58.806



53, 74.591, 56.268



61, 63.169, 99.005



32, 2.960, 68.583



37, 56.352, 57.419



2, 3.751, 66.966

Inverse Universe

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



39, 41.547, 273.818



48, 55.915, 278.961



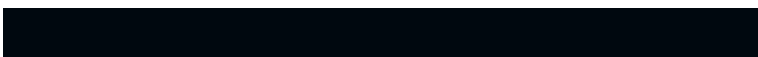
21, 85.355, 304.011



32, 2.877, 250.857



33, 41.487, 277.484



2, 3.862, 252.921

Previews

White Background



This preview shows how the CIELCh color 43, 56.594, 58.803 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, 56.594, 58.803 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, 56.594, 58.803

Background



This preview shows how black text looks on a background with the CIELCh color 43, 56.594, 58.803.



This preview shows how white text looks on a background with the CIELCh color 43, 56.594, 58.803.

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, 56.594, 58.803

Protanopia

43, 44.550, 95.974

Deuteranopia

43, 50.727, 84.258



Tritanopia
43, 39.737, 21.778

Trichromacy



Original Color
43, 56.594, 58.803

Protanomaly
43, 45.868, 80.377

Deuteranomaly
43, 51.563, 74.311

Tritanomaly
43, 43.966, 40.127

Monochromacy



Original Color
43, 56.594, 58.803

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 20.314, 65.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 56.594, 58.803 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(160, 80, 15)` looks like.

```
.text, #text, p{  
    color:rgb(160, 80, 15)  
}
```

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(160, 80, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 80, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 56.594, 58.803 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(160, 80, 15) }
```

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

```
.border{ border-color:rgb(160, 80, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 80, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 80, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 80, 15);  
box-shadow:4px 4px 4px 4px rgb(160, 80,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 56.594, 58.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 80, 15) }
```

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

```
.background{ background-color: rgb(160, 80,  
15) }
```

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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