

Converting Colors

CIELCh(43, 60.570, 56.460)

Have a look what the booklet for
CIELCh(43, 60.570, 56.460) contains.

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Color

CIELCh(43, 60.486, 56.452)

Conversions

Conversions Part 1

Format	Color
Hex	A54C09
RGB	165, 76, 9
RGB Percent	65%, 30%, 4%
CMY	0.3535, 0.7024, 0.9653
CMYK	0.00, 0.54, 0.95, 0.35
HSL	26°, 90%, 34%
HSV	26°, 95%, 65%
XYZ	18.1141, 13.1578, 1.8390
YIQ	94.9730, 74.5510, -1.9690

Conversions

Conversions Part 2

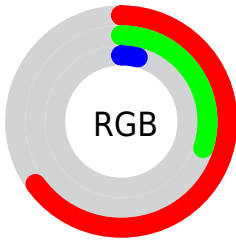
Format	Color
RYB	165, 126, 9
Decimal	10832905
CIELab	43.00, 33.43, 50.41
CIElCh	43, 60.486, 56.452
Yxy	13.1578, 0.5471, 0.3974
Android (android.graphics.Color)	4289022985 (0xFFA54C09)
YUV	94.9730, -42.3847, 61.4137
Hunter-Lab	36.2736, 25.6592, 22.3857

Details

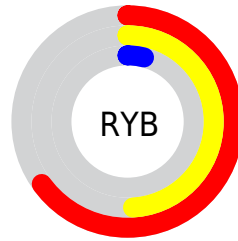
The CIELCh color **43, 60.486, 56.452** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **40, 42.657, 273.347**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 60.564, 56.719**, and **23, 48.095, 45.134** is the 20% darker color. If you saturate the color by 10%, you get **42, 63.407, 55.528**, and if you desaturate by 10%, it is **45, 54.738, 58.302**.

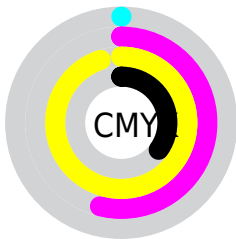
Distribution



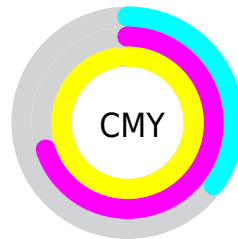
- Red (65%)
- Green (30%)
- Blue (4%)



- Red (65%)
- Yellow (49%)
- Blue (4%)



- Cyan (0%)
- Magenta (54%)
- Yellow (95%)
- Black (35%)



- Cyan (35%)
- Magenta (70%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 60.486, 56.452 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, 60.486, 56.452 by changing the saturation by 10% instead.

■ 43, 60.486, 56.452

■ 43, 60.486, 56.452

■ 100, 60.486,
56.452

■ 33, 60.486, 56.452

■ 63, 60.486, 56.452

■ 23, 60.486, 56.452

■ 73, 60.486, 56.452

■ 13, 60.486, 56.452

■ 83, 60.486, 56.452

■ 3, 60.486, 56.452

■ 93, 60.486, 56.452

■ 0, 60.486, 56.452

■ 43, 60.486, 56.452

■ 43, 60.486, 56.452

■ 42, 63.407, 55.528

■ 45, 54.738, 58.302

■ 47, 47.870, 59.607

■ 50, 40.646, 60.685

■ 52, 33.487, 61.695

■ 55, 26.591, 62.704

■ 58, 20.033, 63.734

■ 61, 13.834, 64.782

■ 63, 7.983, 65.834

■ 66, 2.455, 66.807

Harmonies

Complementary

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



43, 60.486, 56.452



40, 42.657, 273.347

Rectangle

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



43, 60.486, 56.452



43, 60.486, 106.452



43, 60.486, 236.452



43, 60.486, 286.452

Sweetspot

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



43, 60.484, 56.454



76, 19.683, 64.373



36, 62.166, 352.495



38, 13.730, 63.943



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



43, 60.484, 56.454



54, 77.463, 54.787



62, 64.843, 97.638



33, 3.014, 66.384



37, 57.637, 55.956



3, 4.519, 62.590

Inverse Universe

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



40, 42.657, 273.347



50, 55.354, 276.781



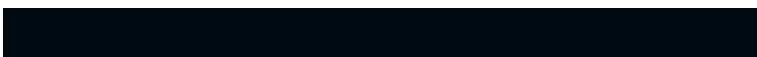
21, 89.206, 304.350



33, 2.921, 248.601



34, 40.504, 275.237



2, 4.737, 253.611

Previews

White Background



This preview shows how the CIELCh color 43, 60.486, 56.452 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, 60.486, 56.452 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, 60.486, 56.452

Background



This preview shows how black text looks on a background with the CIELCh color 43, 60.486, 56.452.



This preview shows how white text looks on a background with the CIELCh color 43, 60.486, 56.452.

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, 60.486, 56.452

Protanopia

43, 45.550, 95.989

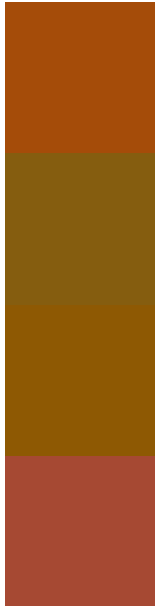
Deuteranopia

43, 50.727, 84.258



Tritanopia
43, 43.586, 23.677

Trichromacy



Original Color
43, 60.486, 56.452

Protanomaly
43, 47.355, 78.206

Deuteranomaly
43, 52.611, 72.290

Tritanomaly
43, 48.502, 40.597

Monochromacy



Original Color
43, 60.486, 56.452

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 21.481, 62.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 60.486, 56.452 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(165, 76, 9)` looks like.

```
.text, #text, p{  
    color:rgb(165, 76, 9)  
}
```

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(165, 76, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 76, 9) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 60.486, 56.452 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(165, 76, 9) }
```

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

```
.border{ border-color:rgb(165, 76, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 76, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 76, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 76, 9);  
box-shadow:4px 4px 4px 4px rgb(165, 76, 9)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 60.486, 56.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 76, 9) }
```

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

```
.background{ background-color: rgb(165, 76,  
9) }
```

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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