

Converting Colors

CIELCh(56, 43.329, 119.707)

Have a look what the booklet for
CIELCh(56, 43.329, 119.707)
contains.

CIELCh(56, 43.405, 119.919)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 43.405, 119.919)

Conversions

Conversions Part 1

Format	Color
Hex	768F42
RGB	118, 143, 66
RGB Percent	46%, 56%, 26%
CMY	0.5370, 0.4390, 0.7409
CMYK	0.17, 0.00, 0.54, 0.44
HSL	79°, 37%, 41%
HSV	79°, 54%, 56%
XYZ	18.2957, 23.9124, 8.8142
YIQ	126.7470, 9.8170, -29.2470

Conversions

Conversions Part 2

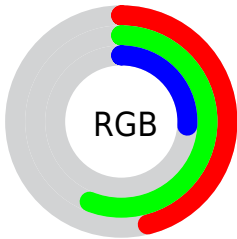
Format	Color
RYB	66, 143, 91
Decimal	7769922
CIELab	56.00, -21.65, 37.62
CIElCh	56, 43.405, 119.919
Yxy	23.9124, 0.3586, 0.4687
Android (android.graphics.Color)	4285960002 (0xFF768F42)
YUV	126.7470, -29.9483, -7.6711
Hunter-Lab	48.9003, -18.7912, 23.5433

Details

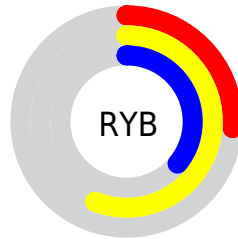
The CIELCh color $56, 43.405, 119.919$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $34, 48.576, 306.519$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 43.563, 119.800$, and $36, 43.806, 120.101$ is the 20% darker color. If you saturate the color by 10%, you get $56, 50.431, 119.598$, and if you desaturate by 10%, it is $57, 35.820, 120.371$.

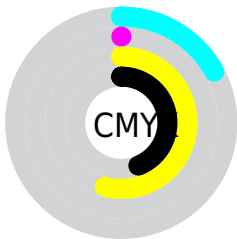
Distribution



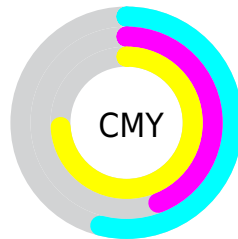
- Red (46%)
- Green (56%)
- Blue (26%)



- Red (26%)
- Yellow (56%)
- Blue (36%)



- Cyan (17%)
- Magenta (0%)
- Yellow (54%)
- Black (44%)





- Cyan (54%)
- Magenta (44%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 56, 43.405, 119.919 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 56, 43.405, 119.919 by changing the saturation by 10% instead.


 56, 43.405,
119.919


 56, 43.405,
119.919


 100, 43.405,
119.919


 46, 43.405,
119.919


 76, 43.405,
119.919

 36, 43.405,
119.919

 86, 43.405,
119.919

 26, 43.405,
119.919

 96, 43.405,
119.919

 16, 43.405,
119.919

 6, 43.405, 119.919

 0, 43.405, 119.919

■ 56, 43.405,
119.919

■ 56, 43.405,
119.919

■ 56, 50.431,
119.598

■ 57, 35.820,
120.371

■ 55, 56.606,
119.485

■ 57, 27.881,
120.890

■ 55, 61.584,
119.684

■ 58, 19.734,
121.439

■ 54, 65.063,
120.294

■ 58, 11.475,
121.991

■ 54, 66.837,
120.744

■ 59, 3.171, 122.540

■ 60, 5.131, 303.032

■ 61, 13.397,
303.524

■ 62, 21.602,
303.980

■ 63, 29.730,
304.403

Harmonies

Complementary

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



56, 43.405, 119.919



34, 48.576, 306.519

Rectangle

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



56, 43.405, 119.919



56, 43.405, 169.919



56, 43.405, 299.919



56, 43.405, 349.919

Sweetspot

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



56, 43.406, 119.921



74, 16.456, 121.853



44, 29.751, 50.607



39, 11.195, 121.752



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



56, 43.406, 119.921



71, 63.244, 119.546



54, 49.713, 136.154



30, 4.679, 122.246



51, 64.097, 120.666



2, 3.169, 122.725

Inverse Universe

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



34, 48.576, 306.519



38, 73.209, 307.548



39, 50.559, 321.514



28, 4.761, 303.226



17, 80.417, 308.910



0, 3.170, 302.724

Previews

White Background



This preview shows how the CIELCh color 56, 43.405, 119.919 looks on a white 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

Black Background



This preview shows how the CIELCh color 56, 43.405, 119.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

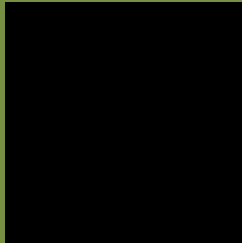
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 43.405, 119.919

Background



This preview shows how black text looks on a background with the CIELCh color 56, 43.405, 119.919.



This preview shows how white text looks on a background with the CIELCh color 56, 43.405, 119.919.

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
56, 43.405, 119.919

Protanopia
56, 39.750, 96.002

Deuteranopia
56, 37.062, 79.305



Tritanopia
56, 6.249, 265.916

Trichromacy



Original Color
56, 43.405, 119.919

Protanomaly
56, 40.052, 105.313

Deuteranomaly
55, 36.259, 95.573

Tritanomaly
56, 13.794, 133.024

Monochromacy



Original Color
56, 43.405, 119.919

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 16.431, 121.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 43.405, 119.919 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(118, 143, 66)` looks like.

```
.text, #text, p{  
    color:rgb(118, 143, 66)  
}
```

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(118, 143, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 143, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 43.405, 119.919 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(118, 143, 66) }
```

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

```
.border{ border-color:rgb(118, 143, 66) }
```

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

Here you see how a box with a 4 pixel rgb(118, 143, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 143, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 143, 66);  
box-shadow:4px 4px 4px 4px rgb(118, 143,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 43.405, 119.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 143, 66) }
```

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

```
.background{ background-color: rgb(118,  
143, 66) }
```

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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