

Converting Colors

CIELCh(43, 30.431, 118.991)

Have a look what the booklet for
CIELCh(43, 30.431, 118.991)
contains.

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Color

CIELCh(43, 30.431, 118.991)

Conversions

Conversions Part 1

Format	Color
Hex	5C6B38
RGB	92, 107, 56
RGB Percent	36%, 42%, 22%
CMY	0.6380, 0.5792, 0.7793
CMYK	0.14, 0.00, 0.48, 0.58
HSL	78°, 31%, 32%
HSV	78°, 48%, 42%
XYZ	10.4539, 13.1578, 5.7663
YIQ	96.7010, 7.4310, -19.0410

Conversions

Conversions Part 2

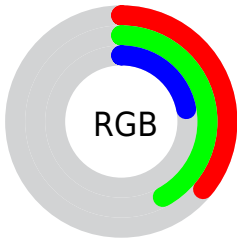
Format	Color
RYB	56, 107, 71
Decimal	6056760
CIELab	43.00, -14.75, 26.62
CIELCh	43, 30.431, 118.991
Yxy	13.1578, 0.3558, 0.4479
Android (android.graphics.Color)	4284246840 (0xFF5C6B38)
YUV	96.7010, -20.0656, -4.1228
Hunter-Lab	36.2736, -12.0359, 15.9664

Details

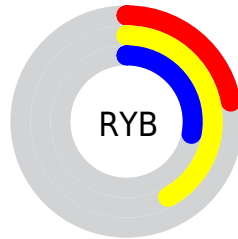
The CIELCh color $43, 30.431, 118.991$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $28, 33.547, 304.943$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 30.285, 118.954$, and $23, 30.647, 119.579$ is the 20% darker color. If you saturate the color by 10%, you get $43, 36.295, 118.555$, and if you desaturate by 10%, it is $43, 24.263, 119.507$.

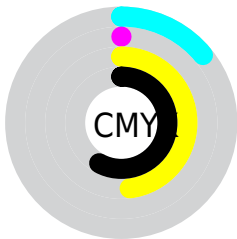
Distribution



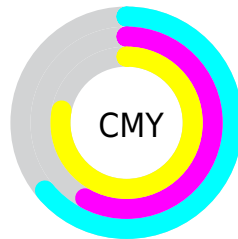
- Red (36%)
- Green (42%)
- Blue (22%)



- Red (22%)
- Yellow (42%)
- Blue (28%)



- Cyan (14%)
- Magenta (0%)
- Yellow (48%)
- Black (58%)





- Cyan (64%)
- Magenta (58%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 30.431, 118.991 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, 30.431, 118.991 by changing the saturation by 10% instead.


 43, 30.431,
118.991


 43, 30.431,
118.991


 100, 30.431,
118.991


 33, 30.431,
118.991

 63, 30.431,
118.991


 23, 30.431,
118.991

 73, 30.431,
118.991

 13, 30.431,
118.991


 83, 30.431,
118.991

 3, 30.431, 118.991

 93, 30.431,
118.991

 0, 30.431, 118.991

 43, 30.431,

 43, 30.431,

118.991

118.991

■ 43, 36.295,
118.555

■ 43, 24.263,
119.507

■ 42, 41.685,
118.249

■ 44, 17.905,
120.058

■ 42, 46.373,
118.153

■ 44, 11.441,
120.620

■ 42, 50.098,
118.359

■ 45, 4.924, 121.177

■ 41, 52.997,
118.803

■ 45, 1.607, 301.688

■ 46, 8.122, 302.213

■ 41, 53.731,
118.887

■ 47, 14.604,
302.697

■ 47, 21.036,
303.148

■ 48, 27.407,

Harmonies

Complementary

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



43, 30.431, 118.991



28, 33.547, 304.943

Rectangle

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



43, 30.431, 118.991



43, 30.431, 168.991



43, 30.431, 298.991



43, 30.431, 348.991

Sweetspot

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



43, 30.432, 118.993



57, 11.375, 120.797



34, 20.413, 47.535



30, 7.913, 120.703



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 30.432, 118.993



55, 44.698, 118.516



41, 34.674, 135.807



22, 3.660, 121.099



45, 57.290, 119.025



89, 99.077, 119.841

Inverse Universe

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



28, 33.547, 304.943



32, 50.724, 305.925



30, 35.397, 320.227



20, 3.723, 302.076



13, 72.890, 308.617



34, 126.291, 308.095

Previews

White Background



This preview shows how the CIELCh color 43, 30.431, 118.991 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 CIE LCh color 43, 30.431, 118.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

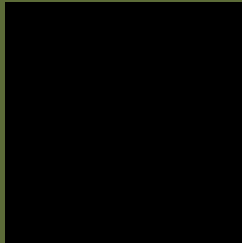
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 30.431, 118.991

Background



This preview shows how black text looks on a background with the CIELCh color 43, 30.431, 118.991.



This preview shows how white text looks on a background with the CIELCh color 43, 30.431, 118.991.

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, 30.431, 118.991

Protanopia

43, 28.135, 95.232

Deuteranopia

43, 26.113, 78.158



Tritanopia
43, 4.870, 281.452

Trichromacy



Original Color
43, 30.431, 118.991

Protanomaly
43, 28.081, 104.068

Deuteranomaly
43, 25.933, 94.732

Tritanomaly
43, 8.216, 127.177

Monochromacy



Original Color
43, 30.431, 118.991

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 11.707, 121.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 30.431, 118.991 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(92, 107, 56)` looks like.

```
.text, #text, p{  
    color:rgb(92, 107, 56)  
}
```

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(92, 107, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 107, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 30.431, 118.991 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(92, 107, 56) }
```

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

```
.border{ border-color:rgb(92, 107, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 107, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 107, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 107, 56);  
box-shadow:4px 4px 4px 4px rgb(92, 107,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 30.431, 118.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 107, 56) }
```

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

```
.background{ background-color: rgb(92, 107,  
56) }
```

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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