

Converting Colors

CIELCh(43, 55.312, 118.650)

Have a look what the booklet for
CIELCh(43, 55.312, 118.650)
contains.

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Color

CIELCh(43, 55.419, 118.983)

Conversions

Conversions Part 1

Format	Color
Hex	4F7000
RGB	79, 112, 0
RGB Percent	31%, 44%, 0%
CMY	0.6916, 0.5621, 1.0000
CMYK	0.30, 0.00, 1.00, 0.56
HSL	78°, 100%, 22%
HSV	78°, 100%, 44%
XYZ	8.9480, 13.1578, 2.0546
YIQ	89.3650, 16.2840, -41.8280

Conversions

Conversions Part 2

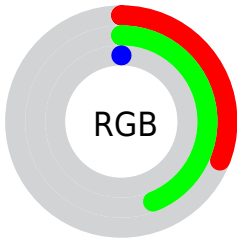
Format	Color
RYB	0, 112, 33
Decimal	5206016
CIELab	43.00, -26.85, 48.48
CIElCh	43, 55.419, 118.983
Yxy	13.1578, 0.3704, 0.5446
Android (android.graphics.Color)	4283396096 (0xFF4F7000)
YUV	89.3650, -44.0569, -9.0901
Hunter-Lab	36.2736, -19.4463, 22.0333

Details

The CIELCh color **43, 55.419, 118.983** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **13, 70.307, 308.691**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 55.351, 119.012**, and **23, 40.127, 128.982** is the 20% darker color. If you saturate the color by 10%, you get **43, 55.313, 119.028**, and if you desaturate by 10%, it is **43, 52.431, 118.561**.

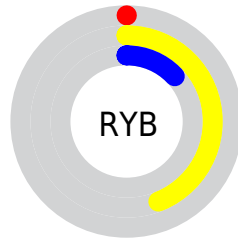
Distribution



Red (31%)

Green (44%)

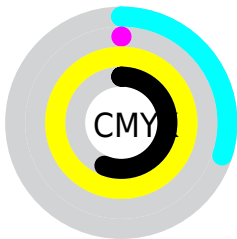
Blue (0%)



Red (0%)

Yellow (44%)

Blue (13%)

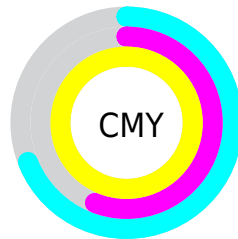


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (69%)


Magenta (56%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 55.419, 118.983 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, 55.419, 118.983 by changing the saturation by 10% instead.


 43, 55.419,
118.983


 43, 55.419,
118.983


 100, 55.419,
118.983


 33, 55.419,
118.983

 63, 55.419,
118.983


 23, 55.419,
118.983

 73, 55.419,
118.983

 13, 55.419,
118.983

 83, 55.419,
118.983

 3, 55.419, 118.983

 93, 55.419,
118.983

 0, 55.419, 118.983

 43, 55.419,

 43, 55.419,

118.983

■ 43, 55.313,
119.028

118.983

■ 43, 52.431,
118.561

■ 44, 48.907,
118.250

■ 44, 44.310,
118.270

■ 44, 38.912,
118.526

■ 45, 32.964,
118.935

■ 45, 26.657,
119.434

■ 45, 20.128,
119.980

■ 46, 13.468,
120.542

Harmonies

Complementary

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



43, 55.419, 118.983



13, 70.307, 308.691

Rectangle

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



43, 55.419, 118.983



43, 55.419, 168.983



43, 55.419, 298.983



43, 55.419, 348.983

Sweetspot

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



43, 55.313, 119.028



58, 24.976, 119.935



25, 49.793, 46.891



30, 17.140, 119.755



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 55.313, 119.028



55, 67.037, 119.398



41, 63.406, 133.963



23, 3.807, 121.157



46, 58.217, 119.135



90, 99.913, 119.930

Inverse Universe

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



13, 70.307, 308.691



18, 85.290, 308.444



21, 64.131, 320.456



21, 3.873, 302.142



14, 74.020, 308.618



34, 127.259, 308.111

Previews

White Background



This preview shows how the CIELCh color 43, 55.419, 118.983 looks on a white background.

Color Contrast Check

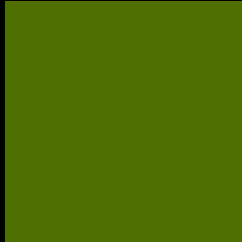
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.419, 118.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

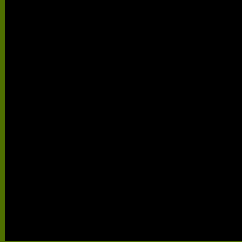
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 55.419, 118.983

Background



This preview shows how black text looks on a background with the CIELCh color 43, 55.419, 118.983.



This preview shows how white text looks on a background with the CIELCh color 43, 55.419, 118.983.

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

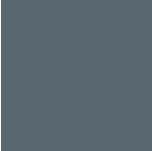
43, 55.419, 118.983

Protanopia

43, 49.837, 95.931

Deuteranopia

43, 44.683, 82.653



Tritanopia
43, 7.407, 239.591

Trichromacy



Original Color
43, 55.419, 118.983

Protanomaly
43, 50.892, 105.620

Deuteranomaly
43, 46.389, 98.385

Tritanomaly
43, 23.440, 131.396

Monochromacy



Original Color
43, 55.419, 118.983

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 24.482, 119.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 55.419, 118.983 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(79, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(79, 112, 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(79, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 112, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 55.419, 118.983 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(79, 112, 0) }
```

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

```
.border{ border-color:rgb(79, 112, 0) }
```

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

Here you see how a box with a 4 pixel rgb(79, 112, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(79, 112, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 55.419, 118.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 112, 0) }
```

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

```
.background{ background-color: rgb(79, 112,  
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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