

Converting Colors

CIELCh(41, 74.738, 148.998)

Have a look what the booklet for
CIELCh(41, 74.738, 148.998)
contains.

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Color

CIELCh(43, 62.589, 139.337)

Conversions

Conversions Part 1

Format	Color
Hex	017719
RGB	1, 119, 25
RGB Percent	0%, 47%, 10%
CMY	0.9947, 0.5352, 0.9037
CMYK	0.99, 0.00, 0.79, 0.54
HSL	132°, 98%, 24%
HSV	132°, 99%, 46%
XYZ	6.7280, 13.1578, 3.0803
YIQ	73.0020, -40.1540, -54.2500

Conversions

Conversions Part 2

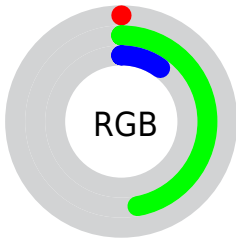
Format	Color
RYB	1, 99, 119
Decimal	96025
CIELab	43.00, -47.48, 40.78
CIElCh	43, 62.589, 139.337
Yxy	13.1578, 0.2930, 0.5729
Android (android.graphics.Color)	4278286105 (0xFF017719)
YUV	73.0020, -23.6650, -63.1458
Hunter-Lab	36.2736, -30.3706, 20.3568

Details

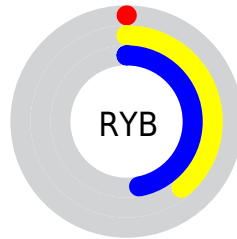
The CIELCh color **43, 62.589, 139.337** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 56.373, 337.490**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 62.368, 139.410**, and **25, 46.502, 136.352** is the 20% darker color. If you saturate the color by 10%, you get **43, 62.981, 139.206**, and if you desaturate by 10%, it is **43, 58.799, 140.769**.

Distribution



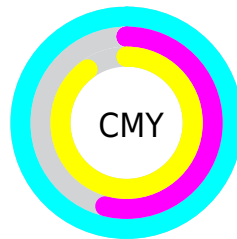
- Red (0%)
- Green (47%)
- Blue (10%)



- Red (0%)
- Yellow (39%)
- Blue (47%)



- Cyan (99%)
- Magenta (0%)
- Yellow (79%)
- Black (54%)





- Cyan (99%)
- Magenta (54%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 62.589, 139.337 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, 62.589, 139.337 by changing the saturation by 10% instead.


 43, 62.589,
139.337


 43, 62.589,
139.337


 100, 62.589,
139.337


 33, 62.589,
139.337

 63, 62.589,
139.337


 23, 62.589,
139.337

 73, 62.589,
139.337

 13, 62.589,
139.337

 83, 62.589,
139.337

 3, 62.589, 139.337

 93, 62.589,
139.337

 0, 62.589, 139.337

 43, 62.589,

 43, 62.589,

139.337

139.337

■ 43, 62.981,
139.206

■ 43, 58.799,
140.769

■ 43, 54.179,
142.335

■ 44, 48.726,
143.824

■ 44, 42.579,
145.189

■ 45, 35.890,
146.409

■ 46, 28.810,
147.482

■ 47, 21.482,
148.417

■ 48, 14.031,
149.232

Harmonies

Complementary

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



43, 62.589, 139.337



26, 56.373, 337.490

Rectangle

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



43, 62.589, 139.337



43, 62.589, 189.337



43, 62.589, 319.337



43, 62.589, 9.337

Sweetspot

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



43, 62.589, 139.338



59, 27.510, 148.252



46, 55.845, 113.366



30, 18.638, 147.951



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 62.589, 139.338



55, 76.554, 138.774



44, 40.069, 161.691



24, 4.133, 149.939



44, 64.543, 139.145



86, 111.854, 138.220

Inverse Universe

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



26, 56.373, 337.490



34, 67.824, 337.870



24, 48.532, 16.704



23, 4.146, 330.965



27, 57.860, 337.629



57, 97.324, 338.269

Previews

White Background



This preview shows how the CIELCh color 43, 62.589, 139.337 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, 62.589, 139.337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

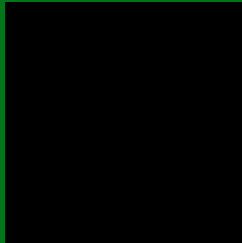
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 62.589, 139.337

Background



This preview shows how black text looks on a background with the CIELCh color 43, 62.589, 139.337.



This preview shows how white text looks on a background with the CIELCh color 43, 62.589, 139.337.

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, 62.701, 139.418

Protanopia
43, 44.495, 95.913

Deuteranopia
43, 38.776, 81.251



Tritanopia
43, 20.052, 213.173

Trichromacy



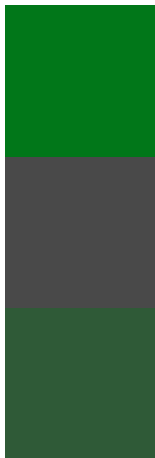
Original Color
43, 62.701, 139.418

Protanomaly
42, 48.868, 122.914

Deuteranomaly
41, 42.133, 119.111

Tritanomaly
42, 32.574, 164.638

Monochromacy



Original Color
43, 62.701, 139.418

Achromatopsia
31, 0.005, 296.813

Achromatomaly
34, 28.305, 146.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 62.589, 139.337 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(1, 119, 25)` looks like.

```
.text, #text, p{  
    color:rgb(1, 119, 25)  
}
```

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(1, 119, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 119, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 62.589, 139.337 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(1, 119, 25) }
```

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

```
.border{ border-color:rgb(1, 119, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 119, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 119, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 119, 25);  
box-shadow:4px 4px 4px 4px rgb(1, 119, 25)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 62.589, 139.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 119, 25) }
```

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

```
.background{ background-color: rgb(1, 119,  
25) }
```

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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