

Converting Colors

CIELCh(43, 62.814, 139.004)

Have a look what the booklet for
CIELCh(43, 62.814, 139.004)
contains.

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Color

CIELCh(43, 62.704, 138.958)

Conversions

Conversions Part 1

Format	Color
Hex	047618
RGB	4, 118, 24
RGB Percent	2%, 46%, 9%
CMY	0.9834, 0.5354, 0.9078
CMYK	0.96, 0.00, 0.80, 0.54
HSL	130°, 93%, 24%
HSV	130°, 96%, 46%
XYZ	6.7460, 13.1578, 3.0217
YIQ	73.1980, -37.7700, -53.4020

Conversions

Conversions Part 2

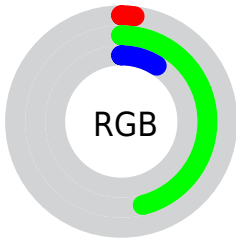
Format	Color
RYB	4, 101, 118
Decimal	292376
CIELab	43.00, -47.29, 41.17
CIElCh	43, 62.704, 138.958
Yxy	13.1578, 0.2943, 0.5739
Android (android.graphics.Color)	4278482456 (0xFF047618)
YUV	73.1980, -24.2546, -60.6866
Hunter-Lab	36.2736, -30.2822, 20.4525

Details

The CIELCh color **43, 62.704, 138.958** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 57.135, 335.686**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 62.223, 139.183**, and **24, 46.003, 136.418** is the 20% darker color. If you saturate the color by 10%, you get **43, 63.912, 138.571**, and if you desaturate by 10%, it is **43, 58.814, 140.366**.

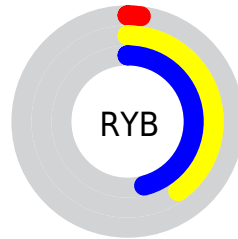
Distribution



Red (2%)

Green (46%)

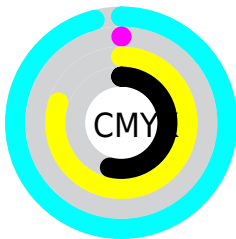
Blue (9%)



Red (2%)

Yellow (40%)

Blue (46%)

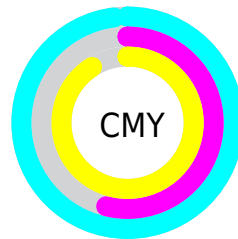


Cyan (96%)

Magenta (0%)

Yellow (80%)

Black (54%)



Cyan (98%)


Magenta (54%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 62.704, 138.958 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, 62.704, 138.958 by changing the saturation by 10% instead.


 43, 62.704,
138.958


 43, 62.704,
138.958


 100, 62.704,
138.958


 33, 62.704,
138.958

 63, 62.704,
138.958


 23, 62.704,
138.958

 73, 62.704,
138.958

 13, 62.704,
138.958

 83, 62.704,
138.958

 3, 62.704, 138.958

 93, 62.704,
138.958

 0, 62.704, 138.958

 43, 62.704,

 43, 62.704,

138.958

■ 43, 63.912,
138.571

138.958

■ 43, 58.814,
140.366

■ 43, 53.970,
141.850

■ 44, 48.265,
143.270

■ 44, 41.861,
144.573

■ 45, 34.926,
145.738

■ 46, 27.621,
146.763

■ 47, 20.094,
147.655

■ 48, 12.470,
148.431

Harmonies

Complementary

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



43, 62.704, 138.958



26, 57.135, 335.686

Rectangle

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



43, 62.704, 138.958



43, 62.704, 188.958



43, 62.704, 318.958



43, 62.704, 8.958

Sweetspot

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



43, 62.704, 138.959



59, 27.177, 147.376



47, 55.000, 112.408



30, 18.520, 147.076



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, 62.704, 138.959



55, 77.654, 138.174



44, 40.275, 160.906



24, 4.221, 148.947



44, 65.515, 138.514



86, 113.321, 137.675

Inverse Universe

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



26, 57.135, 335.686



35, 69.320, 336.176



24, 47.560, 14.168



23, 4.233, 329.952



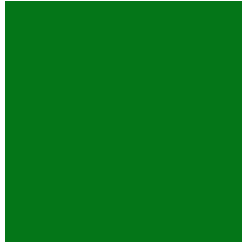
27, 59.113, 335.983



57, 99.533, 336.496

Previews

White Background



This preview shows how the CIELCh color 43, 62.704, 138.958 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, 62.704, 138.958 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, 62.704, 138.958

Background



This preview shows how black text looks on a background with the CIELCh color 43, 62.704, 138.958.



This preview shows how white text looks on a background with the CIELCh color 43, 62.704, 138.958.

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, 62.358, 139.092

Protanopia

43, 44.832, 95.919

Deuteranopia

43, 39.226, 81.437



Tritanopia
43, 20.052, 213.173

Trichromacy



Original Color
43, 62.358, 139.092



Protanomaly
42, 49.041, 122.290



Deuteranomaly
41, 42.426, 118.331



Tritanomaly
42, 32.810, 163.661

Monochromacy



Original Color
43, 62.358, 139.092



Achromatopsia
31, 0.005, 296.813



Achromatomaly
34, 28.072, 145.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 62.704, 138.958 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(4, 118, 24)` looks like.

```
.text, #text, p{  
    color:rgb(4, 118, 24)  
}
```

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(4, 118, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 118, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 62.704, 138.958 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(4, 118, 24) }
```

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

```
.border{ border-color:rgb(4, 118, 24) }
```

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

Here you see how a box with a 4 pixel rgb(4, 118, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 118, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 118, 24);  
box-shadow:4px 4px 4px 4px rgb(4, 118, 24)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 62.704, 138.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 118, 24) }
```

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

```
.background{ background-color: rgb(4, 118,  
24) }
```

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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