

Converting Colors

CIELCh(43, 66.931, 135.718)

Have a look what the booklet for
CIELCh(43, 66.931, 135.718)
contains.

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Color

CIELCh(43, 67.068, 135.771)

Conversions

Conversions Part 1

Format	Color
Hex	097702
RGB	9, 119, 2
RGB Percent	4%, 47%, 1%
CMY	0.9654, 0.5349, 0.9905
CMYK	0.93, 0.00, 0.98, 0.53
HSL	117°, 96%, 24%
HSV	117°, 98%, 47%
XYZ	6.6715, 13.1578, 2.2573
YIQ	72.7720, -28.0030, -59.7070

Conversions

Conversions Part 2

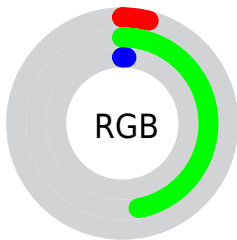
Format	Color
R_{YB}	2, 119, 112
Decimal	620290
CIE _{Lab}	43.00, -48.06, 46.78
CIE _{LCh}	43, 67.068, 135.771
Yxy	13.1578, 0.3021, 0.5957
Android (android.graphics.Color)	4278810370 (0xFF097702)
YUV	72.7720, -34.8906, -55.9280
Hunter-Lab	36.2736, -30.6488, 21.7019

Details

The CIELCh color **43, 67.068, 135.771** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 65.291, 326.150**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 67.309, 135.660**, and **25, 46.502, 136.352** is the 20% darker color. If you saturate the color by 10%, you get **43, 67.655, 135.628**, and if you desaturate by 10%, it is **43, 64.066, 136.296**.

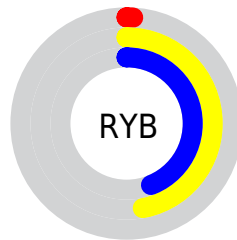
Distribution



Red (4%)

Green (47%)

Blue (1%)



Red (1%)

Yellow (47%)

Blue (44%)

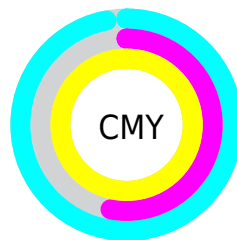


Cyan (93%)

Magenta (0%)

Yellow (98%)

Black (53%)



Cyan (97%)


Magenta (53%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 67.068, 135.771 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, 67.068, 135.771 by changing the saturation by 10% instead.


 43, 67.068,
135.771


 43, 67.068,
135.771


 100, 67.068,
135.771


 33, 67.068,
135.771

 63, 67.068,
135.771


 23, 67.068,
135.771

 73, 67.068,
135.771

 13, 67.068,
135.771

 83, 67.068,
135.771

 3, 67.068, 135.771

 93, 67.068,
135.771

 0, 67.068, 135.771

 43, 67.068,

 43, 67.068,

135.771

■ 43, 67.655,
135.628

135.771

■ 43, 64.066,
136.296

■ 43, 59.759,
136.945

■ 44, 54.073,
137.796

■ 44, 47.326,
138.727

■ 45, 39.821,
139.651

■ 46, 31.816,
140.513

■ 47, 23.518,
141.288

■ 48, 15.089,
141.972

Harmonies

Complementary

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



43, 67.068, 135.771



26, 65.291, 326.150

Rectangle

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



43, 67.068, 135.771



43, 67.068, 185.771



43, 67.068, 315.771



43, 67.068, 5.771

Sweetspot

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



43, 67.068, 135.772



59, 30.043, 141.160



46, 52.031, 98.727



30, 20.474, 140.903



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, 67.068, 135.772



55, 81.480, 135.729



43, 52.183, 147.349



24, 4.665, 142.512



44, 69.220, 135.642



86, 117.696, 135.855

Inverse Universe

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



26, 65.291, 326.150



35, 79.159, 326.100



25, 48.941, 353.849



23, 4.677, 323.374



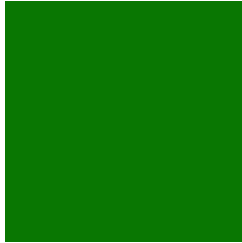
27, 67.322, 326.143



57, 114.160, 326.029

Previews

White Background



This preview shows how the CIELCh color 43, 67.068, 135.771 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, 67.068, 135.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

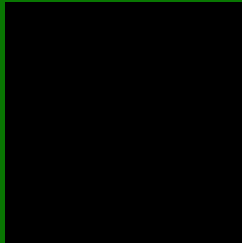
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 67.068, 135.771

Background



This preview shows how black text looks on a background with the CIELCh color 43, 67.068, 135.771.



This preview shows how white text looks on a background with the CIELCh color 43, 67.068, 135.771.

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, 67.311, 135.716

Protanopia

43, 49.837, 95.931

Deuteranopia

43, 42.607, 82.669



Tritanopia
43, 19.838, 213.370

Trichromacy



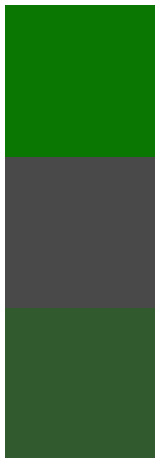
Original Color
43, 67.311, 135.716

Protanomaly
42, 53.777, 119.103

Deuteranomaly
41, 46.937, 115.249

Tritanomaly
42, 35.368, 158.013

Monochromacy



Original Color
43, 67.311, 135.716

Achromatopsia
31, 0.005, 296.813

Achromatomaly
34, 31.533, 139.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 67.068, 135.771 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(9, 119, 2)` looks like.

```
.text, #text, p{  
    color:rgb(9, 119, 2)  
}
```

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(9, 119, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 119, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 67.068, 135.771 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(9, 119, 2) }
```

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

```
.border{ border-color:rgb(9, 119, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 119, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 119, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 119, 2); box-shadow:4px  
4px 4px 4px rgb(9, 119, 2) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 67.068, 135.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 119, 2) }
```

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

```
.background{ background-color: rgb(9, 119,  
2) }
```

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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