

Converting Colors

CIELCh(43, 67.437, 136.199)

Have a look what the booklet for
CIELCh(43, 67.437, 136.199)
contains.

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Color

CIELCh(43, 67.505, 136.242)

Conversions

Conversions Part 1

Format	Color
Hex	017703
RGB	1, 119, 3
RGB Percent	0%, 47%, 1%
CMY	0.9944, 0.5342, 0.9894
CMYK	0.99, 0.00, 0.98, 0.53
HSL	121°, 98%, 24%
HSV	121°, 99%, 47%
XYZ	6.6040, 13.1578, 2.2690
YIQ	70.4940, -33.0920, -61.0920

Conversions

Conversions Part 2

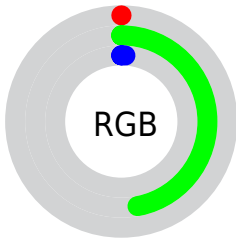
Format	Color
R_YB	1, 117, 119
Decimal	96003
CIE _{Lab}	43.00, -48.76, 46.69
CIE _{LCh}	43, 67.505, 136.242
Yxy	13.1578, 0.2998, 0.5972
Android (android.graphics.Color)	4278286083 (0xFF017703)
YUV	70.4940, -33.2745, -60.9462
Hunter-Lab	36.2736, -30.9812, 21.6829

Details

The CIELCh color **43, 67.505, 136.242** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **27, 64.888, 328.632**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 67.264, 136.253**, and **25, 46.502, 136.352** is the 20% darker color. If you saturate the color by 10%, you get **43, 67.852, 136.165**, and if you desaturate by 10%, it is **43, 64.625, 136.886**.

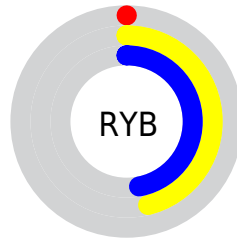
Distribution



Red (0%)

Green (47%)

Blue (1%)



Red (0%)

Yellow (46%)

Blue (47%)

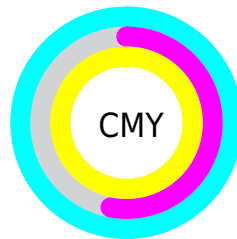


Cyan (99%)

Magenta (0%)

Yellow (98%)

Black (53%)



Cyan (99%)

Magenta (53%)

Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 67.505, 136.242 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, 67.505, 136.242 by changing the saturation by 10% instead.


 43, 67.505,
136.242


 43, 67.505,
136.242


 100, 67.505,
136.242


 33, 67.505,
136.242

 63, 67.505,
136.242

 23, 67.505,
136.242

 73, 67.505,
136.242

 13, 67.505,
136.242


 83, 67.505,
136.242

 3, 67.505, 136.242

 93, 67.505,
136.242

 0, 67.505, 136.242

 43, 67.505,

 43, 67.505,

136.242

136.242

■ 43, 67.852,
136.165

■ 43, 64.625,
136.886

■ 43, 60.519,
137.771

■ 44, 54.996,
138.828

■ 44, 48.354,
139.935

■ 45, 40.890,
141.003

■ 46, 32.869,
141.980

■ 47, 24.509,
142.848

■ 48, 15.988,
143.604

Harmonies

Complementary

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



43, 67.505, 136.242



27, 64.888, 328.632

Rectangle

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



43, 67.505, 136.242



43, 67.505, 186.242



43, 67.505, 316.242



43, 67.505, 6.242

Sweetspot

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



43, 67.505, 136.243



60, 31.825, 142.686



48, 54.797, 102.889



31, 21.853, 142.394



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 67.505, 136.243



56, 82.582, 136.125



43, 49.247, 150.331



24, 4.715, 144.249



44, 69.333, 136.160



86, 117.785, 136.076

Inverse Universe

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



27, 64.888, 328.632



37, 79.224, 328.661



25, 48.129, 359.847



23, 4.723, 325.180



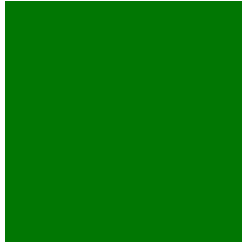
28, 66.583, 328.651



59, 112.833, 328.675

Previews

White Background



This preview shows how the CIELCh color 43, 67.505, 136.242 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

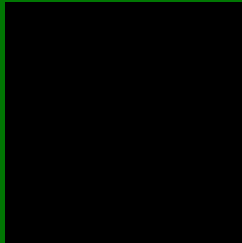
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 67.505, 136.242

Background



This preview shows how black text looks on a background with the CIELCh color 43, 67.505, 136.242.



This preview shows how white text looks on a background with the CIELCh color 43, 67.505, 136.242.

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, 67.561, 136.301

Protanopia
43, 49.837, 95.931

Deuteranopia
43, 42.607, 82.669



Tritanopia
43, 19.838, 213.370

Trichromacy



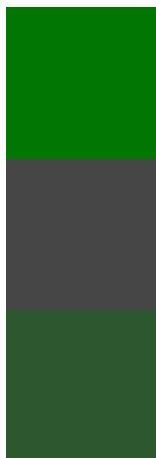
Original Color
43, 67.561, 136.301

Protanomaly
41, 54.210, 120.395

Deuteranomaly
41, 46.970, 116.998

Tritanomaly
42, 35.850, 158.527

Monochromacy



Original Color
43, 67.561, 136.301

Achromatopsia
30, 0.005, 296.813

Achromatomaly
33, 31.791, 141.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 67.505, 136.242 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, 3)` looks like.

```
.text, #text, p{  
    color:rgb(1, 119, 3)  
}
```

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, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 119, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 67.505, 136.242 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, 3) }
```

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

```
.border{ border-color:rgb(1, 119, 3) }
```

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, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 119, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 119, 3); box-shadow:4px  
4px 4px 4px rgb(1, 119, 3) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 67.505, 136.242 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, 3) }
```

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

```
.background{ background-color: rgb(1, 119,  
3) }
```

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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