

Converting Colors

CIELCh(43, 66.887, 136.425)

Have a look what the booklet for
CIELCh(43, 66.887, 136.425)
contains.

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Color

CIELCh(43, 67.078, 136.410)

Conversions

Conversions Part 1

Format	Color
Hex	027705
RGB	2, 119, 5
RGB Percent	1%, 47%, 2%
CMY	0.9909, 0.5343, 0.9818
CMYK	0.98, 0.00, 0.96, 0.53
HSL	121°, 96%, 24%
HSV	121°, 98%, 47%
XYZ	6.6206, 13.1578, 2.3235
YIQ	71.0210, -33.1380, -60.2580

Conversions

Conversions Part 2

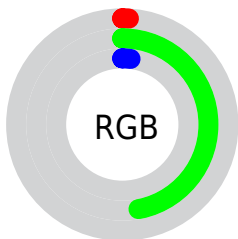
Format	Color
R_{YB}	2, 116, 119
Decimal	161541
CIE _{Lab}	43.00, -48.58, 46.25
CIE _{LCh}	43, 67.078, 136.410
Yxy	13.1578, 0.2995, 0.5953
Android (android.graphics.Color)	4278351621 (0xFF027705)
YUV	71.0210, -32.5484, -60.5314
Hunter-Lab	36.2736, -30.8993, 21.5937

Details

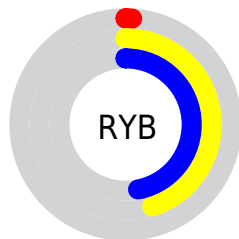
The CIELCh color **43, 67.078, 136.410** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **27, 64.260, 328.973**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 66.889, 136.460**, and **25, 46.502, 136.352** is the 20% darker color. If you saturate the color by 10%, you get **43, 67.630, 136.289**, and if you desaturate by 10%, it is **43, 64.140, 137.081**.

Distribution



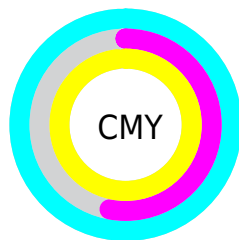
- Red (1%)
- Green (47%)
- Blue (2%)



- Red (1%)
- Yellow (45%)
- Blue (47%)



- Cyan (98%)
- Magenta (0%)
- Yellow (96%)
- Black (53%)





- Cyan (99%)
- Magenta (53%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 67.078, 136.410 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, 67.078, 136.410 by changing the saturation by 10% instead.


 43, 67.078,
136.410


 43, 67.078,
136.410


 100, 67.078,
136.410


 33, 67.078,
136.410

 63, 67.078,
136.410


 23, 67.078,
136.410

 73, 67.078,
136.410

 13, 67.078,
136.410


 83, 67.078,
136.410

 3, 67.078, 136.410

 93, 67.078,
136.410

 0, 67.078, 136.410

 43, 67.078,

 43, 67.078,

136.410

136.410

■ 43, 67.630,
136.289

■ 43, 64.140,
137.081

■ 43, 59.870,
138.027

■ 44, 54.239,
139.119

■ 44, 47.541,
140.242

■ 45, 40.061,
141.312

■ 46, 32.052,
142.287

■ 47, 23.726,
143.148

■ 48, 15.254,
143.898

Harmonies

Complementary

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



43, 67.078, 136.410



27, 64.260, 328.973

Rectangle

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



43, 67.078, 136.410



43, 67.078, 186.410



43, 67.078, 316.410



43, 67.078, 6.410

Sweetspot

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



43, 67.078, 136.411



60, 30.583, 143.011



48, 54.613, 103.895



31, 21.126, 142.716



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, 67.078, 136.411



56, 82.400, 136.215



44, 48.161, 151.327



24, 4.686, 144.493



44, 69.130, 136.280



86, 117.640, 136.127

Inverse Universe

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



27, 64.260, 328.973



37, 78.669, 329.028



25, 47.817, 1.102



23, 4.694, 325.426



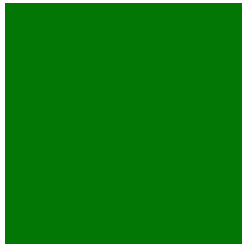
28, 66.127, 329.011



59, 112.017, 329.055

Previews

White Background



This preview shows how the CIELCh color 43, 67.078, 136.410 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, 67.078, 136.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

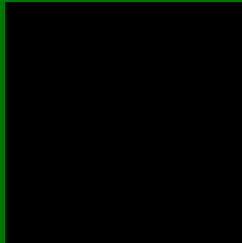
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 67.078, 136.410

Background



This preview shows how black text looks on a background with the CIELCh color 43, 67.078, 136.410.



This preview shows how white text looks on a background with the CIELCh color 43, 67.078, 136.410.

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, 67.134, 136.469

Protanopia

43, 49.837, 95.931

Deuteranopia

43, 42.607, 82.669



Tritanopia
43, 19.838, 213.370

Trichromacy



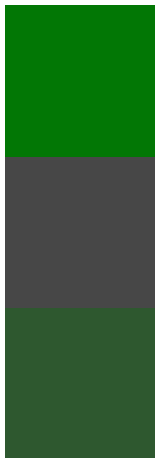
Original Color
43, 67.134, 136.469

Protanomaly
41, 53.976, 120.498

Deuteranomaly
41, 46.851, 116.460

Tritanomaly
42, 35.693, 158.361

Monochromacy



Original Color
43, 67.134, 136.469

Achromatopsia
30, 0.005, 296.813

Achromatomaly
33, 31.084, 141.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 67.078, 136.410 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(2, 119, 5)` looks like.

```
.text, #text, p{  
    color:rgb(2, 119, 5)  
}
```

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(2, 119, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 119, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 67.078, 136.410 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(2, 119, 5) }
```

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

```
.border{ border-color:rgb(2, 119, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 119, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 119, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 119, 5); box-shadow:4px  
4px 4px 4px rgb(2, 119, 5) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 67.078, 136.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 119, 5) }
```

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

```
.background{ background-color: rgb(2, 119,  
5) }
```

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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