

Converting Colors

CIELCh(43, 51.355, 148.036)

Have a look what the booklet for
CIELCh(43, 51.355, 148.036)
contains.

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Color

CIELCh(43, 51.440, 148.026)

Conversions

Conversions Part 1

Format	Color
Hex	007636
RGB	0, 118, 54
RGB Percent	0%, 46%, 21%
CMY	0.9987, 0.5383, 0.7892
CMYK	1.00, 0.00, 0.54, 0.54
HSL	147°, 99%, 23%
HSV	147°, 100%, 46%
XYZ	7.1099, 13.1578, 5.6244
YIQ	75.4220, -49.7840, -44.9200

Conversions

Conversions Part 2

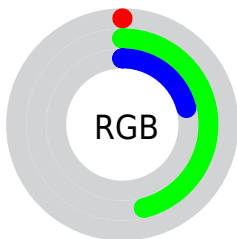
Format	Color
RYB	0, 81, 118
Decimal	30262
CIELab	43.00, -43.64, 27.24
CIELCh	43, 51.440, 148.026
Yxy	13.1578, 0.2746, 0.5082
Android (android.graphics.Color)	4278220342 (0xFF007636)
YUV	75.4220, -10.5610, -66.1451
Hunter-Lab	36.2736, -28.4915, 16.1984

Details

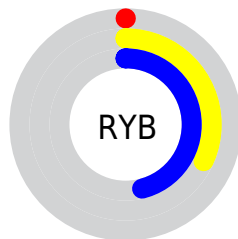
The CIELCh color **43, 51.440, 148.026** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **24, 48.593, 356.128**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 51.368, 147.945**, and **24, 43.299, 138.818** is the 20% darker color. If you saturate the color by 10%, you get **43, 51.535, 147.977**, and if you desaturate by 10%, it is **43, 47.980, 149.952**.

Distribution



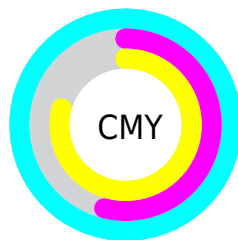
- Red (0%)
- Green (46%)
- Blue (21%)



- Red (0%)
- Yellow (32%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (54%)





- Cyan (100%)
- Magenta (54%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 51.440, 148.026 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, 51.440, 148.026 by changing the saturation by 10% instead.


 43, 51.440,
148.026


 43, 51.440,
148.026


 100, 51.440,
148.026


 33, 51.440,
148.026

 63, 51.440,
148.026


 23, 51.440,
148.026

 73, 51.440,
148.026

 13, 51.440,
148.026

 83, 51.440,
148.026

 3, 51.440, 148.026

 93, 51.440,
148.026

 0, 51.440, 148.026

 43, 51.440,

 43, 51.440,

148.026

148.026

■ 43, 51.535,
147.977

■ 43, 47.980,
149.952

■ 43, 44.145,
151.872

■ 44, 39.771,
153.603

■ 44, 34.897,
155.144

■ 45, 29.593,
156.508

■ 46, 23.951,
157.713

■ 46, 18.066,
158.782

■ 47, 12.031,
159.737

Harmonies

Complementary

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



43, 51.440, 148.026



24, 48.593, 356.128

Rectangle

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



43, 51.440, 148.026



43, 51.440, 198.026



43, 51.440, 328.026



43, 51.440, 18.026

Sweetspot

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



43, 51.440, 148.026



59, 22.587, 158.678



44, 60.183, 125.624



30, 15.283, 158.335



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, 51.440, 148.026



55, 63.121, 147.359



44, 29.436, 189.296



24, 3.421, 160.666



45, 53.106, 147.875



87, 92.617, 146.541

Inverse Universe

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



24, 48.593, 356.128



33, 58.593, 357.200



23, 55.710, 35.580



23, 3.455, 341.946



25, 49.986, 356.364



54, 84.117, 358.586

Previews

White Background



This preview shows how the CIELCh color 43, 51.440, 148.026 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, 51.440, 148.026 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, 51.440, 148.026

Background



This preview shows how black text looks on a background with the CIELCh color 43, 51.440, 148.026.



This preview shows how white text looks on a background with the CIELCh color 43, 51.440, 148.026.

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, 51.502, 148.088

Protanopia
43, 31.360, 95.759

Deuteranopia
43, 26.113, 78.158



Tritanopia
43, 20.901, 212.417

Trichromacy



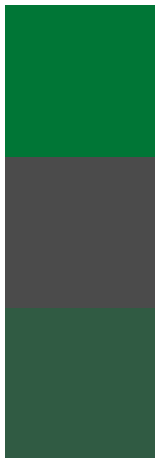
Original Color
43, 51.502, 148.088

Protanomaly
41, 36.797, 131.135

Deuteranomaly
41, 30.717, 129.227

Tritanomaly
43, 29.039, 175.383

Monochromacy



Original Color
43, 51.502, 148.088

Achromatopsia
32, 0.005, 296.813

Achromatomaly
35, 23.129, 156.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 51.440, 148.026 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(0, 118, 54)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 54)  
}
```

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(0, 118, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 51.440, 148.026 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(0, 118, 54) }
```

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

```
.border{ border-color:rgb(0, 118, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 54);  
box-shadow:4px 4px 4px 4px rgb(0, 118, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 51.440, 148.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 54) }
```

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

```
.background{ background-color: rgb(0, 118,  
54) }
```

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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