

Converting Colors

CIELCh(43, 47.491, 149.817)

Have a look what the booklet for
CIELCh(43, 47.491, 149.817)
contains.

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Color

CIELCh(43, 47.440, 149.828)

Conversions

Conversions Part 1

Format	Color
Hex	0F753C
RGB	15, 117, 60
RGB Percent	6%, 46%, 24%
CMY	0.9410, 0.5411, 0.7646
CMYK	0.87, 0.00, 0.49, 0.54
HSL	146°, 77%, 26%
HSV	146°, 87%, 46%
XYZ	7.3788, 13.1578, 6.4293
YIQ	80.0040, -42.4950, -39.3510

Conversions

Conversions Part 2

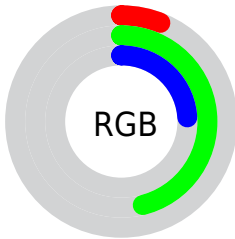
Format	Color
RYB	15, 86, 117
Decimal	1013052
CIELab	43.00, -41.01, 23.84
CIElCh	43, 47.440, 149.828
Yxy	13.1578, 0.2736, 0.4879
Android (android.graphics.Color)	4279203132 (0xFF0F753C)
YUV	80.0040, -9.8620, -57.0085
Hunter-Lab	36.2736, -27.1683, 14.8827

Details

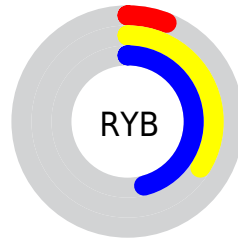
The CIELCh color $43, 47.440, 149.828$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $26, 46.594, 351.598$, and the grayscale version is $34, 0.005, 296.813$.

A 20% lighter version of the original color is $63, 47.521, 149.690$, and $24, 40.330, 141.439$ is the 20% darker color. If you saturate the color by 10%, you get $43, 50.996, 147.872$, and if you desaturate by 10%, it is $43, 43.415, 151.692$.

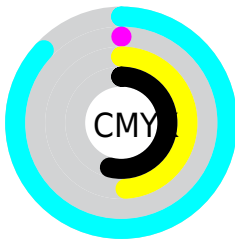
Distribution



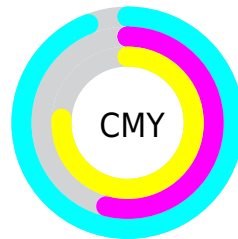
- Red (6%)
- Green (46%)
- Blue (24%)



- Red (6%)
- Yellow (34%)
- Blue (46%)



- Cyan (87%)
- Magenta (0%)
- Yellow (49%)
- Black (54%)




- Cyan (94%)
- Magenta (54%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 47.440, 149.828 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, 47.440, 149.828 by changing the saturation by 10% instead.


 43, 47.440,
149.828


 43, 47.440,
149.828


 100, 47.440,
149.828

 33, 47.440,
149.828

 63, 47.440,
149.828


 23, 47.440,
149.828

 73, 47.440,
149.828

 13, 47.440,
149.828

 83, 47.440,
149.828

 3, 47.440, 149.828

 93, 47.440,
149.828

 0, 47.440, 149.828

 43, 47.440,

 43, 47.440,

149.828

149.828

■ 43, 50.996,
147.872

■ 43, 43.415,
151.692

■ 43, 51.991,
147.358

■ 44, 38.853,
153.366

■ 44, 33.807,
154.854

■ 45, 28.356,
156.168

■ 46, 22.593,
157.330

■ 46, 16.616,
158.359

■ 47, 10.515,
159.280

■ 48, 4.370, 160.130

Harmonies

Complementary

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



43, 47.440, 149.828



26, 46.594, 351.598

Rectangle

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



43, 47.440, 149.828



43, 47.440, 199.828



43, 47.440, 329.828



43, 47.440, 19.828

Sweetspot

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



43, 47.440, 149.828



60, 19.834, 158.404



44, 55.532, 124.225



30, 13.348, 158.142



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, 47.440, 149.828



55, 63.974, 146.728



44, 28.530, 188.011



24, 3.457, 159.969



45, 53.821, 147.241



87, 93.872, 145.916

Inverse Universe

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



26, 46.594, 351.598



33, 58.866, 355.944



24, 49.414, 31.038



23, 3.489, 341.233



26, 50.231, 355.146



54, 84.471, 357.268

Previews

White Background



This preview shows how the CIELCh color 43, 47.440, 149.828 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 CIELCh color 43, 47.440, 149.828 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, 47.440, 149.828

Background



This preview shows how black text looks on a background with the CIELCh color 43, 47.440, 149.828.



This preview shows how white text looks on a background with the CIELCh color 43, 47.440, 149.828.

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, 47.440, 149.828

Protanopia

43, 28.039, 96.196

Deuteranopia

43, 22.736, 75.862



Tritanopia
43, 20.673, 212.625

Trichromacy



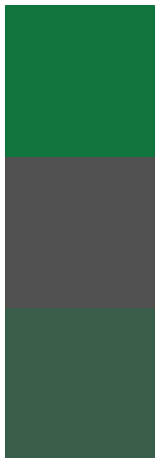
Original Color
43, 47.440, 149.828

Protanomaly
42, 32.893, 130.633

Deuteranomaly
41, 26.041, 127.767

Tritanomaly
43, 27.428, 176.980

Monochromacy



Original Color
43, 47.440, 149.828

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 19.706, 158.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 47.440, 149.828 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(15, 117, 60)` looks like.

```
.text, #text, p{  
    color:rgb(15, 117, 60)  
}
```

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(15, 117, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 117, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 47.440, 149.828 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(15, 117, 60) }
```

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

```
.border{ border-color:rgb(15, 117, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 117, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 117, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 117, 60);  
box-shadow:4px 4px 4px 4px rgb(15, 117,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 47.440, 149.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 117, 60) }
```

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

```
.background{ background-color: rgb(15, 117,  
60) }
```

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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