

Converting Colors

CIELCh(43, 2.471, 117.929)

Have a look what the booklet for
CIELCh(43, 2.471, 117.929) contains.

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Color

CIELCh(43, 2.436, 119.692)

Conversions

Conversions Part 1

Format	Color
Hex	656662
RGB	101, 102, 98
RGB Percent	40%, 40%, 38%
CMY	0.6038, 0.5999, 0.6156
CMYK	0.01, 0.00, 0.04, 0.60
HSL	75°, 2%, 39%
HSV	75°, 4%, 40%
XYZ	12.3289, 13.1578, 13.4509
YIQ	101.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

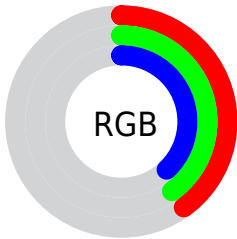
Format	Color
RYB	98, 102, 99
Decimal	6645346
CIELab	43.00, -1.21, 2.12
CIELCh	43, 2.436, 119.692
Yxy	13.1578, 0.3166, 0.3379
Android (android.graphics.Color)	4284835426 (0xFF656662)
YUV	101.2450, -1.5998, -0.2149
Hunter-Lab	36.2736, -2.8093, 3.4057

Details

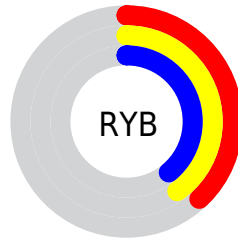
The CIELCh color **43, 2.436, 119.692** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **42, 2.466, 300.145**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 2.262, 119.764**, and **23, 2.053, 122.813** is the 20% darker color. If you saturate the color by 10%, you get **43, 8.657, 119.115**, and if you desaturate by 10%, it is **44, 3.789, 300.260**.

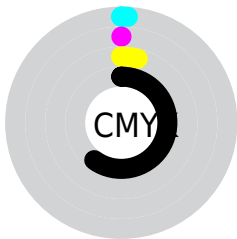
Distribution



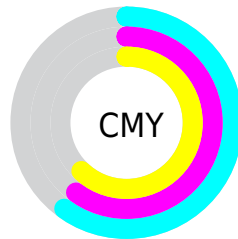
- Red (40%)
- Green (40%)
- Blue (38%)



- Red (38%)
- Yellow (40%)
- Blue (39%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (60%)















- Cyan (60%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 2.436, 119.692 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, 2.436, 119.692 by changing the saturation by 10% instead.

 43, 2.436, 119.692	 43, 2.436, 119.692
 100, 2.436, 119.692	 33, 2.436, 119.692
 63, 2.436, 119.692	 23, 2.436, 119.692
 73, 2.436, 119.692	 13, 2.436, 119.692
 83, 2.436, 119.692	 3, 2.436, 119.692
 93, 2.436, 119.692	 0, 2.436, 119.692

 43, 2.436, 119.692	 43, 2.436, 119.692
 43, 8.657, 119.115	 44, 3.789, 300.260
 42, 14.837, 118.518	 44, 10.000, 300.802

■ 42, 20.934,
117.926

■ 45, 16.178,
301.314

■ 41, 26.880,
117.359

■ 45, 22.311,
301.793

■ 41, 32.579,
116.850

■ 46, 28.388,
302.242

■ 41, 37.892,
116.446

■ 47, 34.404,
302.659

■ 40, 42.623,
116.209

■ 47, 40.352,
303.046

■ 40, 46.531,
116.221

■ 48, 46.228,
303.405

■ 40, 49.477,
116.527

■ 49, 52.030,
303.736

Harmonies

Complementary

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



43, 2.436, 119.692



42, 2.466, 300.145

Rectangle

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



43, 2.436, 119.692



43, 2.436, 169.692



43, 2.436, 299.692



43, 2.436, 349.692

Sweetspot

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



43, 2.437, 119.707



55, 0.765, 119.894



42, 1.387, 45.024



28, 0.431, 119.902



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



43, 2.437, 119.707



55, 3.855, 119.634



43, 2.718, 137.182



21, 2.094, 119.622



44, 55.725, 116.855



89, 97.026, 117.613

Inverse Universe

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



42, 2.466, 300.145



53, 3.904, 300.221



42, 2.735, 317.406



20, 2.121, 300.234



13, 72.253, 308.092



33, 126.144, 307.607

Previews

White Background



This preview shows how the CIELCh color 43, 2.436, 119.692 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, 2.436, 119.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

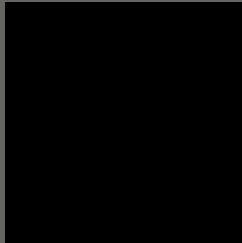
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

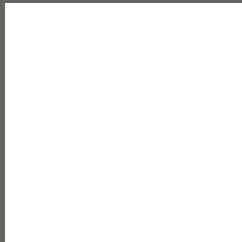
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 2.436, 119.692

Background



This preview shows how black text looks on a background with the CIELCh color 43, 2.436, 119.692.



This preview shows how white text looks on a background with the CIELCh color 43, 2.436, 119.692.

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, 2.436, 119.692

Protanopia

43, 2.701, 81.872

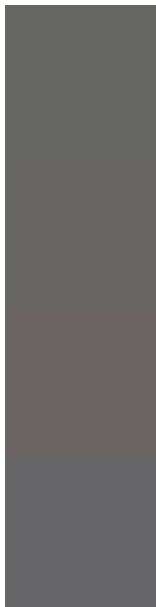
Deuteranopia

43, 5.967, 14.384



Tritanopia
43, 4.990, 304.940

Trichromacy



Original Color

43, 2.436, 119.692

Protanomaly

43, 2.534, 90.395

Deuteranomaly

43, 3.794, 19.805

Tritanomaly

43, 1.861, 303.173

Monochromacy



Original Color

43, 2.436, 119.692

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 0.595, 110.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 2.436, 119.692 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(101, 102, 98)` looks like.

```
.text, #text, p{  
    color:rgb(101, 102, 98)  
}
```

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(101, 102, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 102, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 2.436, 119.692 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(101, 102, 98) }
```

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

```
.border{ border-color:rgb(101, 102, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 102, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 102, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 102, 98);  
box-shadow:4px 4px 4px 4px rgb(101, 102,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 2.436, 119.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 102, 98) }
```

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

```
.background{ background-color: rgb(101,  
102, 98) }
```

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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