

Converting Colors

CIELCh(43, 4.971, 282.590)

Have a look what the booklet for
CIELCh(43, 4.971, 282.590) contains.

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Color

CIELCh(43, 4.870, 281.452)

Conversions

Conversions Part 1

Format	Color
Hex	63656D
RGB	99, 101, 109
RGB Percent	39%, 40%, 43%
CMY	0.6104, 0.6026, 0.5712
CMYK	0.09, 0.07, 0.00, 0.57
HSL	228°, 5%, 41%
HSV	228°, 9%, 43%
XYZ	12.6493, 13.1578, 16.4393
YIQ	101.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

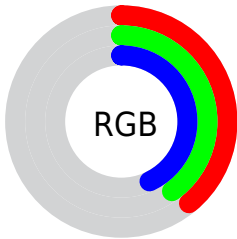
Format	Color
R_{YB}	99, 101, 109
Decimal	6514029
CIE _{Lab}	43.00, 0.97, -4.77
CIE _{LCh}	43, 4.870, 281.452
Yxy	13.1578, 0.2994, 0.3115
Android (android.graphics.Color)	4284704109 (0xFF63656D)
YUV	101.3140, 3.7892, -2.0294
Hunter-Lab	36.2736, -1.2328, -1.4789

Details

The CIELCh color **43, 4.870, 281.452** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 4.816, 99.399**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 4.530, 281.145**, and **23, 5.402, 282.152** is the 20% darker color. If you saturate the color by 10%, you get **40, 10.326, 282.722**, and if you desaturate by 10%, it is **46, 0.440, 100.076**.

Distribution



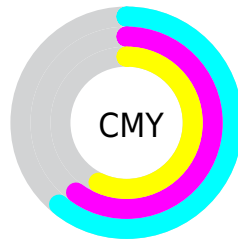
- Red (39%)
- Green (40%)
- Blue (43%)



- Red (39%)
- Yellow (40%)
- Blue (43%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (57%)



- Cyan (61%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 4.870, 281.452 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, 4.870, 281.452 by changing the saturation by 10% instead.

■ 43, 4.870, 281.452

■ 43, 4.870, 281.452

■ 100, 4.870,
281.452

■ 33, 4.870, 281.452

■ 63, 4.870, 281.452

■ 23, 4.870, 281.452

■ 73, 4.870, 281.452

■ 13, 4.870, 281.452

■ 83, 4.870, 281.452

■ 3, 4.870, 281.452

■ 93, 4.870, 281.452

■ 0, 4.870, 281.452

■ 43, 4.870, 281.452

■ 43, 4.870, 281.452

■ 40, 10.326,
282.722

■ 46, 0.440, 100.076

■ 36, 15.941,

■ 50, 5.610, 99.319

284.214

53, 10.648, 98.483

33, 21.729,
285.946

57, 15.561, 97.744

29, 27.706,
287.945

60, 20.352, 97.091

63, 25.028, 96.512

26, 33.885,
290.229

67, 29.593, 95.995

22, 40.265,
292.783

70, 34.052, 95.531

73, 38.407, 95.113

19, 46.796,
295.548

16, 53.322,
298.389

14, 59.569,
300.929

Harmonies

Complementary

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



43, 4.870, 281.452



45, 4.816, 99.399

Rectangle

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



43, 4.870, 281.452



43, 4.870, 331.452



43, 4.870, 101.452



43, 4.870, 151.452

Sweetspot

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



43, 4.869, 281.443



58, 1.976, 280.788



45, 4.254, 181.287



29, 1.488, 280.853



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 4.869, 281.443



55, 7.306, 281.700



43, 6.161, 301.695



20, 2.939, 281.418



15, 63.616, 301.339



36, 115.154, 302.881

Inverse Universe

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



43, 4.368, 3.972



55, 6.572, 4.191



46, 6.052, 120.674



21, 2.636, 3.951



23, 51.326, 27.011



51, 90.934, 30.483

Previews

White Background



This preview shows how the CIELCh color 43, 4.870, 281.452 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, 4.870, 281.452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

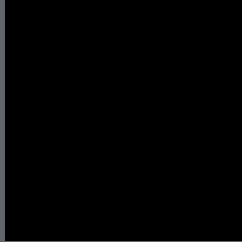
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

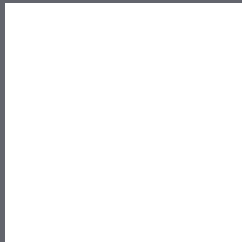
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 4.870, 281.452

Background



This preview shows how black text looks on a background with the CIELCh color 43, 4.870, 281.452.



This preview shows how white text looks on a background with the CIELCh color 43, 4.870, 281.452.

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, 4.870, 281.452

Protanopia

43, 4.818, 290.885

Deuteranopia

43, 7.410, 316.972



Tritanopia
43, 4.870, 281.452

Trichromacy



Original Color

43, 4.870, 281.452

Protanomaly

43, 4.828, 286.133

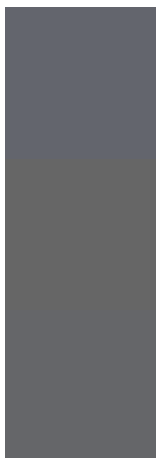
Deuteranomaly

43, 6.259, 305.925

Tritanomaly

43, 4.870, 281.452

Monochromacy



Original Color

43, 4.870, 281.452

Achromatopsia

43, 0.006, 296.813

Achromatomaly

43, 1.846, 277.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 4.870, 281.452 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(99, 101, 109)` looks like.

```
.text, #text, p{  
    color:rgb(99, 101, 109)  
}
```

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(99, 101, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 101, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 4.870, 281.452 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(99, 101, 109) }
```

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

```
.border{ border-color:rgb(99, 101, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 101, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 101, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 101, 109);  
box-shadow:4px 4px 4px 4px rgb(99, 101,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 4.870, 281.452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 101, 109) }
```

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

```
.background{ background-color: rgb(99, 101,  
109) }
```

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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