

Converting Colors

CIELCh(43, 29.058, 111.213)

Have a look what the booklet for
CIELCh(43, 29.058, 111.213)
contains.

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Color

CIELCh(43, 28.645, 110.664)

Conversions

Conversions Part 1

Format	Color
Hex	646938
RGB	100, 105, 56
RGB Percent	39%, 41%, 22%
CMY	0.6070, 0.5874, 0.7796
CMYK	0.05, 0.00, 0.47, 0.59
HSL	66°, 30%, 32%
HSV	66°, 47%, 41%
XYZ	11.0733, 13.1578, 5.7240
YIQ	97.9190, 12.7490, -16.2990

Conversions

Conversions Part 2

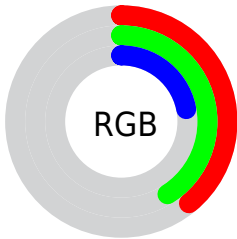
Format	Color
RYB	56, 105, 61
Decimal	6580536
CIELab	43.00, -10.11, 26.80
CIElCh	43, 28.645, 110.664
Yxy	13.1578, 0.3697, 0.4393
Android (android.graphics.Color)	4284770616 (0xFF646938)
YUV	97.9190, -20.6661, 1.8250
Hunter-Lab	36.2736, -8.9881, 16.0356

Details

The CIELCh color **43, 28.645, 110.664** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **26, 32.084, 299.125**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 28.606, 110.438**, and **23, 28.620, 110.399** is the 20% darker color. If you saturate the color by 10%, you get **43, 34.260, 110.000**, and if you desaturate by 10%, it is **43, 22.731, 111.394**.

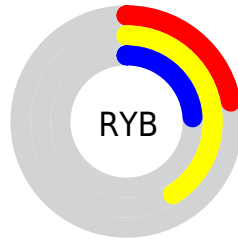
Distribution



Red (39%)

Green (41%)

Blue (22%)



Red (22%)

Yellow (41%)

Blue (24%)

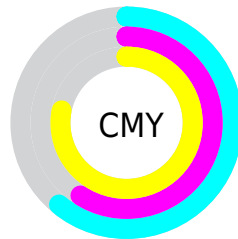


Cyan (5%)

Magenta (0%)

Yellow (47%)

Black (59%)



Cyan (61%)

Magenta (59%)

Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 28.645, 110.664 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, 28.645, 110.664 by changing the saturation by 10% instead.

 43, 28.645,
110.664

 43, 28.645,
110.664

 100, 28.645,
110.664

 33, 28.645,
110.664

 63, 28.645,
110.664

 23, 28.645,
110.664

 73, 28.645,
110.664

 13, 28.645,
110.664

 83, 28.645,
110.664

 3, 28.645, 110.664

 93, 28.645,
110.664

 0, 28.645, 110.664

 43, 28.645,

 43, 28.645,

110.664

110.664

■ 43, 34.260,
110.000

■ 43, 22.731,
111.394

■ 43, 39.407,
109.434

■ 44, 16.628,
112.153

■ 42, 43.865,
109.017

■ 44, 10.414,
112.923

■ 42, 47.371,
108.808

■ 44, 4.140, 113.686

■ 42, 49.976,
108.790

■ 45, 2.161, 294.447

■ 45, 8.463, 295.168

■ 42, 50.887,
108.772

■ 46, 14.749,
295.864

■ 46, 21.007,
296.529

■ 47, 27.227,

Harmonies

Complementary

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



43, 28.645, 110.664



26, 32.084, 299.125

Rectangle

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



43, 28.645, 110.664



43, 28.645, 160.664



43, 28.645, 290.664



43, 28.645, 340.664

Sweetspot

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



43, 28.646, 110.667



57, 10.971, 113.091



31, 21.877, 31.090



29, 7.514, 112.967



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 28.646, 110.667



55, 42.203, 109.937



41, 31.668, 130.432



22, 3.586, 113.505



47, 54.978, 108.843



92, 94.679, 109.187

Inverse Universe

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



26, 32.084, 299.125



30, 49.028, 300.762



29, 33.216, 314.440



20, 3.657, 294.906



12, 74.770, 306.808



31, 129.171, 306.558

Previews

White Background



This preview shows how the CIELCh color 43, 28.645, 110.664 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, 28.645, 110.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

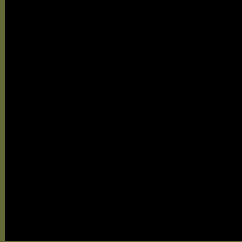
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 28.645, 110.664

Background



This preview shows how black text looks on a background with the CIELCh color 43, 28.645, 110.664.



This preview shows how white text looks on a background with the CIELCh color 43, 28.645, 110.664.

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, 28.645, 110.664

Protanopia

43, 28.003, 96.242

Deuteranopia

43, 26.887, 77.728



Tritanopia
43, 5.634, 321.311

Trichromacy



Original Color
43, 28.645, 110.664

Protanomaly
43, 28.176, 101.169

Deuteranomaly
43, 26.472, 90.621

Tritanomaly
43, 7.304, 98.847

Monochromacy



Original Color
43, 28.645, 110.664

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 10.824, 113.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 28.645, 110.664 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(100, 105, 56)` looks like.

```
.text, #text, p{  
    color:rgb(100, 105, 56)  
}
```

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(100, 105, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 105, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 28.645, 110.664 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(100, 105, 56) }
```

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

```
.border{ border-color:rgb(100, 105, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 105, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 105, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 105, 56);  
box-shadow:4px 4px 4px 4px rgb(100, 105,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 28.645, 110.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 105, 56) }
```

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

```
.background{ background-color: rgb(100,  
105, 56) }
```

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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