

Converting Colors

CIELCh(43, 29.221, 107.301)

Have a look what the booklet for
CIELCh(43, 29.221, 107.301)
contains.

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Color

CIELCh(43, 29.648, 107.643)

Conversions

Conversions Part 1

Format	Color
Hex	676936
RGB	103, 105, 54
RGB Percent	40%, 41%, 21%
CMY	0.5975, 0.5896, 0.7895
CMYK	0.02, 0.00, 0.49, 0.59
HSL	62°, 32%, 31%
HSV	62°, 49%, 41%
XYZ	11.2267, 13.1578, 5.3977
YIQ	98.5880, 15.1790, -16.2850

Conversions

Conversions Part 2

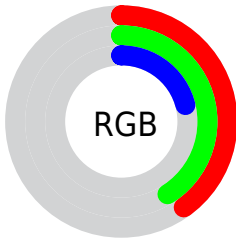
Format	Color
RYB	54, 105, 56
Decimal	6777142
CIELab	43.00, -8.99, 28.25
CIELCh	43, 29.648, 107.643
Yxy	13.1578, 0.3770, 0.4418
Android (android.graphics.Color)	4284967222 (0xFF676936)
YUV	98.5880, -21.9819, 3.8693
Hunter-Lab	36.2736, -8.2332, 16.5688

Details

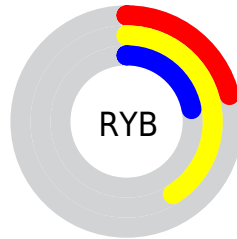
The CIELCh color $43, 29.648, 107.643$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $25, 33.523, 297.699$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 29.618, 107.740$, and $23, 29.722, 107.896$ is the 20% darker color. If you saturate the color by 10%, you get $43, 35.133, 106.903$, and if you desaturate by 10%, it is $43, 23.833, 108.450$.

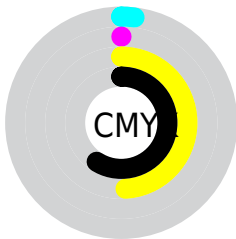
Distribution



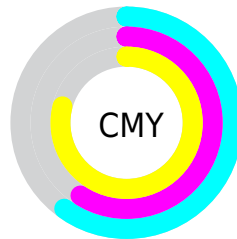
- Red (40%)
- Green (41%)
- Blue (21%)



- Red (21%)
- Yellow (41%)
- Blue (22%)



- Cyan (2%)
- Magenta (0%)
- Yellow (49%)
- Black (59%)





- Cyan (60%)
- Magenta (59%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 29.648, 107.643 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, 29.648, 107.643 by changing the saturation by 10% instead.


 43, 29.648,
107.643

 43, 29.648,
107.643


 100, 29.648,
107.643

 33, 29.648,
107.643

 63, 29.648,
107.643

 23, 29.648,
107.643

 73, 29.648,
107.643

 13, 29.648,
107.643

 83, 29.648,
107.643

 3, 29.648, 107.643

 93, 29.648,
107.643

 0, 29.648, 107.643

 43, 29.648,

 43, 29.648,

107.643

107.643

■ 43, 35.133,
106.903

■ 43, 23.833,
108.450

■ 43, 40.106,
106.256

■ 43, 17.809,
109.289

■ 43, 44.334,
105.745

■ 44, 11.659,
110.142

■ 42, 47.551,
105.413

■ 44, 5.441, 110.993

■ 42, 50.072,
105.198

■ 44, 0.811, 291.877

■ 45, 7.071, 292.664

■ 42, 50.412,
105.167

■ 45, 13.321,
293.455

■ 46, 19.549,
294.215

■ 46, 25.745,

Harmonies

Complementary

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



43, 29.648, 107.643



25, 33.523, 297.699

Rectangle

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



43, 29.648, 107.643



43, 29.648, 157.643



43, 29.648, 287.643



43, 29.648, 337.643

Sweetspot

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



43, 29.649, 107.646



56, 11.541, 110.424



29, 24.184, 26.498



29, 7.932, 110.292



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, 29.649, 107.646



55, 42.737, 106.842



41, 32.289, 128.104



22, 3.576, 110.970



47, 54.667, 105.197



93, 94.083, 105.334

Inverse Universe

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



25, 33.523, 297.699



28, 50.219, 299.618



28, 34.333, 312.431



20, 3.648, 292.541



11, 75.151, 306.487



31, 129.567, 306.369

Previews

White Background



This preview shows how the CIELCh color 43, 29.648, 107.643 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, 29.648, 107.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

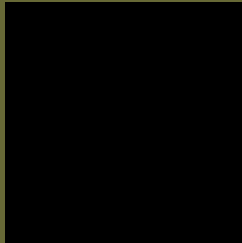
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

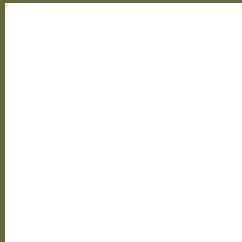
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 29.648, 107.643

Background



This preview shows how black text looks on a background with the CIELCh color 43, 29.648, 107.643.



This preview shows how white text looks on a background with the CIELCh color 43, 29.648, 107.643.

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

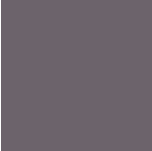
43, 29.648, 107.643

Protanopia

43, 29.092, 96.413

Deuteranopia

43, 27.921, 78.599



Tritanopia
43, 6.095, 328.038

Trichromacy



Original Color
43, 29.648, 107.643

Protanomaly
43, 29.317, 100.237

Deuteranomaly
43, 27.708, 90.070

Tritanomaly
43, 8.083, 93.359

Monochromacy



Original Color
43, 29.648, 107.643

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 10.798, 108.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 29.648, 107.643 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(103, 105, 54)` looks like.

```
.text, #text, p{  
    color:rgb(103, 105, 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(103, 105, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 105, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 29.648, 107.643 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(103, 105, 54) }
```

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

```
.border{ border-color:rgb(103, 105, 54) }
```

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

Here you see how a box with a 4 pixel rgb(103, 105, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 105, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 105, 54);  
box-shadow:4px 4px 4px 4px rgb(103, 105,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 29.648, 107.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 105, 54) }
```

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

```
.background{ background-color: rgb(103,  
105, 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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