

Converting Colors

CIELCh(43, 29.972, 93.706)

Have a look what the booklet for
CIELCh(43, 29.972, 93.706) contains.

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Color

CIELCh(43, 29.972, 93.706)

Conversions

Conversions Part 1

Format	Color
Hex	726533
RGB	114, 101, 51
RGB Percent	45%, 40%, 20%
CMY	0.5524, 0.6034, 0.7995
CMYK	0.00, 0.11, 0.55, 0.55
HSL	48°, 38%, 32%
HSV	48°, 55%, 45%
XYZ	12.2224, 13.1578, 5.0409
YIQ	99.1870, 23.7980, -12.7940

Conversions

Conversions Part 2

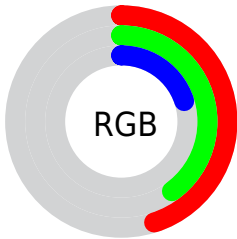
Format	Color
RYB	67, 114, 51
Decimal	7497011
CIELab	43.00, -1.94, 29.91
CIELCh	43, 29.972, 93.706
Yxy	13.1578, 0.4018, 0.4325
Android (android.graphics.Color)	4285687091 (0xFF726533)
YUV	99.1870, -23.7562, 12.9910
Hunter-Lab	36.2736, -3.3332, 17.1520

Details

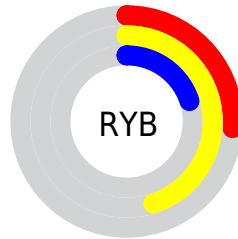
The CIELCh color **43, 29.972, 93.706** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **28, 32.302, 289.019**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 29.972, 94.315**, and **23, 30.335, 94.105** is the 20% darker color. If you saturate the color by 10%, you get **42, 35.010, 92.505**, and if you desaturate by 10%, it is **44, 24.664, 94.899**.

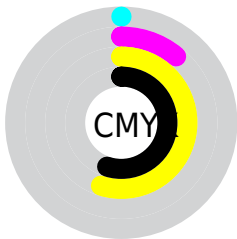
Distribution



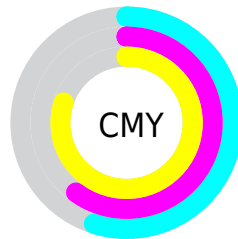
- Red (45%)
- Green (40%)
- Blue (20%)



- Red (26%)
- Yellow (45%)
- Blue (20%)



- Cyan (0%)
- Magenta (11%)
- Yellow (55%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 29.972, 93.706 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, 29.972, 93.706 by changing the saturation by 10% instead.

■ 43, 29.972, 93.706

■ 43, 29.972, 93.706

■ 100, 29.972,
93.706

■ 33, 29.972, 93.706

■ 63, 29.972, 93.706

■ 23, 29.972, 93.706

■ 73, 29.972, 93.706

■ 13, 29.972, 93.706

■ 83, 29.972, 93.706

■ 3, 29.972, 93.706

■ 93, 29.972, 93.706

■ 0, 29.972, 93.706

■ 43, 29.972, 93.706

■ 43, 29.972, 93.706

■ 42, 35.010, 92.505

■ 44, 24.664, 94.899

■ 41, 39.553, 91.279

■ 45, 19.227, 96.073

41, 43.274, 90.010

46, 13.744, 97.226

40, 45.945, 88.675

47, 8.264, 98.350

40, 47.263, 88.069

48, 2.816, 99.422

49, 2.587, 280.563

50, 7.937, 281.556

51, 13.230,
282.530

52, 18.468,
283.463

Harmonies

Complementary

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



43, 29.972, 93.706



28, 32.302, 289.019

Rectangle

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



43, 29.972, 93.706



43, 29.972, 143.706



43, 29.972, 273.706



43, 29.972, 323.706

Sweetspot

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



43, 29.972, 93.709



59, 11.432, 98.103



30, 29.679, 9.494



30, 7.601, 97.942



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 29.972, 93.709



54, 43.641, 92.203



45, 36.681, 118.177



23, 3.004, 99.028



42, 48.920, 87.979



82, 83.136, 86.988

Inverse Universe

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



28, 32.302, 289.019



32, 48.728, 292.160



26, 41.365, 305.353



22, 3.035, 281.055



16, 64.266, 301.176



36, 115.352, 302.698

Previews

White Background



This preview shows how the CIELCh color 43, 29.972, 93.706 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, 29.972, 93.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

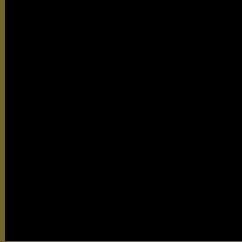
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 29.972, 93.706

Background



This preview shows how black text looks on a background with the CIELCh color 43, 29.972, 93.706.



This preview shows how white text looks on a background with the CIELCh color 43, 29.972, 93.706.

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, 29.972, 93.706

Protanopia

43, 30.171, 96.560

Deuteranopia

43, 30.227, 79.300



Tritanopia
43, 11.175, 355.599

Trichromacy



Original Color
43, 29.972, 93.706

Protanomaly
43, 30.262, 95.658

Deuteranomaly
43, 29.849, 85.043

Tritanomaly
43, 11.977, 60.498

Monochromacy



Original Color
43, 29.972, 93.706

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 11.016, 96.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 29.972, 93.706 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(114, 101, 51)` looks like.

```
.text, #text, p{  
    color:rgb(114, 101, 51)  
}
```

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(114, 101, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 101, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 29.972, 93.706 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(114, 101, 51) }
```

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

```
.border{ border-color:rgb(114, 101, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 101, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 101, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 101, 51);  
box-shadow:4px 4px 4px 4px rgb(114, 101,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 29.972, 93.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 101, 51) }
```

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

```
.background{ background-color: rgb(114,  
101, 51) }
```

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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