

Converting Colors

CIELCh(43, 29.931, 245.191)

Have a look what the booklet for
CIELCh(43, 29.931, 245.191)
contains.

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Color

CIELCh(43, 29.866, 244.743)

Conversions

Conversions Part 1

Format	Color
Hex	016E92
RGB	1, 110, 146
RGB Percent	0%, 43%, 57%
CMY	0.9960, 0.5698, 0.4287
CMYK	0.99, 0.25, 0.00, 0.43
HSL	195°, 99%, 29%
HSV	195°, 99%, 57%
XYZ	10.7187, 13.1578, 29.0376
YIQ	81.5130, -76.5200, -11.9120

Conversions

Conversions Part 2

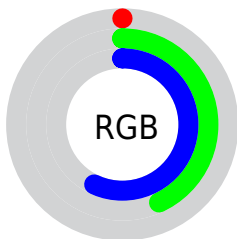
Format	Color
RYB	1, 63, 146
Decimal	93842
CIELab	43.00, -12.74, -27.01
CIELCh	43, 29.866, 244.743
Yxy	13.1578, 0.2026, 0.2487
Android (android.graphics.Color)	4278283922 (0xFF016E92)
YUV	81.5130, 31.7921, -70.6099
Hunter-Lab	36.2736, -10.7329, -22.0710

Details

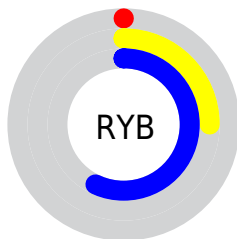
The CIELCh color **43, 29.866, 244.743** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **33, 62.923, 45.574**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 29.853, 243.910**, and **25, 24.815, 260.748** is the 20% darker color. If you saturate the color by 10%, you get **43, 29.955, 245.020**, and if you desaturate by 10%, it is **44, 28.630, 240.680**.

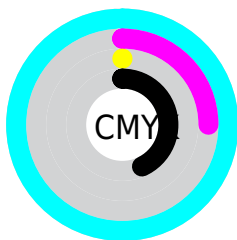
Distribution



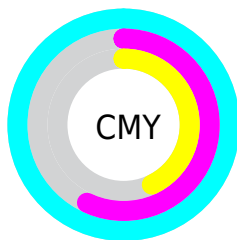
- Red (0%)
- Green (43%)
- Blue (57%)



- Red (0%)
- Yellow (25%)
- Blue (57%)



- Cyan (99%)
- Magenta (25%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (57%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 29.866, 244.743 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, 29.866, 244.743 by changing the saturation by 10% instead.


 43, 29.866,
244.743


 43, 29.866,
244.743


 100, 29.866,
244.743

 33, 29.866,
244.743

 63, 29.866,
244.743


 23, 29.866,
244.743

 73, 29.866,
244.743

 13, 29.866,
244.743

 83, 29.866,
244.743

 3, 29.866, 244.743

 93, 29.866,
244.743

 0, 29.866, 244.743

 43, 29.866,

 43, 29.866,

244.743

244.743

■ 43, 29.955,
245.020

■ 44, 28.630,
240.680

■ 46, 27.134,
237.091

■ 47, 25.195,
234.143

■ 49, 22.770,
231.772

■ 51, 19.861,
229.896

■ 52, 16.501,
228.430

■ 54, 12.744,
227.298

■ 56, 8.647, 226.439

Harmonies

Complementary

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



43, 29.866, 244.743



33, 62.923, 45.574

Rectangle

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



43, 29.866, 244.743



43, 29.866, 294.743



43, 29.866, 64.743



43, 29.866, 114.743

Sweetspot

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



43, 29.865, 244.744



69, 16.043, 227.429



52, 72.030, 139.772



35, 10.772, 227.832



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



43, 29.865, 244.744



55, 36.447, 246.058



22, 69.270, 299.107



30, 2.627, 225.821



41, 28.715, 244.761



2, 2.346, 225.276

Inverse Universe

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



32, 63.068, 340.875



42, 76.164, 341.298



48, 54.852, 82.459



29, 4.854, 332.840



30, 60.670, 340.883



1, 4.217, 332.289

Previews

White Background



This preview shows how the CIE LCh color 43, 29.866, 244.743 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, 29.866, 244.743 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, 29.866, 244.743

Background



This preview shows how black text looks on a background with the CIELCh color 43, 29.866, 244.743.

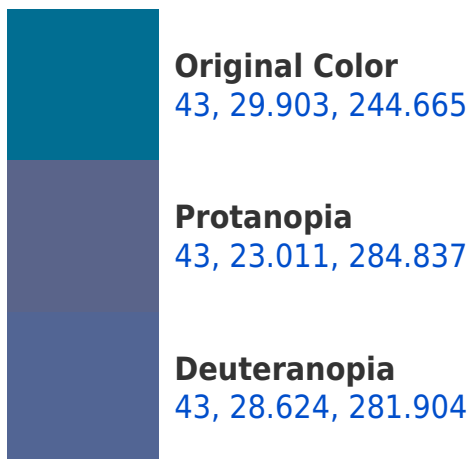


This preview shows how white text looks on a background with the CIELCh color 43, 29.866, 244.743.

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





Tritanopia
43, 26.594, 207.182

Trichromacy



Original Color
43, 29.903, 244.665

Protanomaly
42, 25.476, 260.604

Deuteranomaly
42, 28.815, 263.764

Tritanomaly
43, 26.551, 221.332

Monochromacy



Original Color
43, 29.903, 244.665

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 15.583, 232.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 29.866, 244.743 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(1, 110, 146)` looks like.

```
.text, #text, p{  
    color:rgb(1, 110, 146)  
}
```

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(1, 110, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 110, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 29.866, 244.743 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(1, 110, 146) }
```

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

```
.border{ border-color:rgb(1, 110, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 110, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 110, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 110, 146);  
box-shadow:4px 4px 4px 4px rgb(1, 110,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 29.866, 244.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 110, 146) }
```

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

```
.background{ background-color: rgb(1, 110,  
146) }
```

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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