

Converting Colors

CIELCh(38, 55.599, 220.983)

Have a look what the booklet for
CIELCh(38, 55.599, 220.983)
contains.

CIELCh(43, 31.069, 249.436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 31.069, 249.436)

Conversions

Conversions Part 1

Format	Color
Hex	046D95
RGB	4, 109, 149
RGB Percent	2%, 43%, 58%
CMY	0.9853, 0.5722, 0.4150
CMYK	0.97, 0.27, 0.00, 0.42
HSL	197°, 95%, 30%
HSV	197°, 97%, 58%
XYZ	10.9642, 13.1578, 30.4668
YIQ	82.1650, -75.4200, -9.8200

Conversions

Conversions Part 2

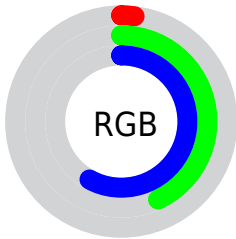
Format	Color
R_{YB}	4, 65, 149
Decimal	290197
CIE _{Lab}	43.00, -10.91, -29.09
CIE _{LCh}	43, 31.069, 249.436
Yxy	13.1578, 0.2009, 0.2410
Android (android.graphics.Color)	4278480277 (0xFF046D95)
YUV	82.1650, 32.9497, -68.5507
Hunter-Lab	36.2736, -9.5250, -24.4071

Details

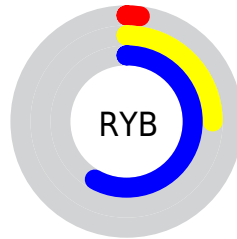
The CIELCh color **43, 31.069, 249.436** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **34, 62.106, 46.685**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 30.987, 249.773**, and **25, 26.298, 264.150** is the 20% darker color. If you saturate the color by 10%, you get **43, 31.467, 250.510**, and if you desaturate by 10%, it is **44, 29.526, 245.090**.

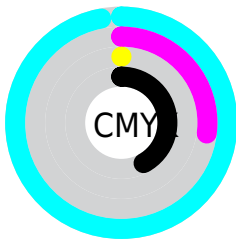
Distribution



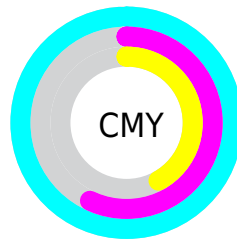
- Red (2%)
- Green (43%)
- Blue (58%)



- Red (2%)
- Yellow (25%)
- Blue (58%)



- Cyan (97%)
- Magenta (27%)
- Yellow (0%)
- Black (42%)





- Cyan (99%)
- Magenta (57%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 31.069, 249.436 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, 31.069, 249.436 by changing the saturation by 10% instead.


 43, 31.069,
249.436


 43, 31.069,
249.436


 100, 31.069,
249.436

 33, 31.069,
249.436

 63, 31.069,
249.436


 23, 31.069,
249.436

 73, 31.069,
249.436

 13, 31.069,
249.436

 83, 31.069,
249.436

 3, 31.069, 249.436

 93, 31.069,
249.436

 0, 31.069, 249.436

 43, 31.069,

 43, 31.069,

249.436

249.436

■ 43, 31.467,
250.510

■ 44, 29.526,
245.090

■ 46, 27.710,
241.308

■ 48, 25.486,
238.179

■ 50, 22.808,
235.644

■ 51, 19.680,
233.620

■ 53, 16.132,
232.021

■ 56, 12.214,
230.771

■ 58, 7.984, 229.805

Harmonies

Complementary

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



43, 31.069, 249.436



34, 62.106, 46.685

Rectangle

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



43, 31.069, 249.436



43, 31.069, 299.436



43, 31.069, 69.436



43, 31.069, 119.436

Sweetspot

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



43, 31.068, 249.437



70, 15.850, 231.007



54, 71.092, 140.913



36, 10.713, 231.478



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



43, 31.068, 249.437



55, 38.464, 251.594



22, 72.449, 300.130



30, 2.610, 229.203



39, 29.609, 250.125



2, 2.328, 228.549

Inverse Universe

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



33, 62.792, 342.419



43, 76.252, 343.183



50, 55.967, 85.662



29, 4.762, 333.878



30, 59.580, 342.664



1, 4.136, 333.313

Previews

White Background



This preview shows how the CIE LCh color 43, 31.069, 249.436 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, 31.069, 249.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

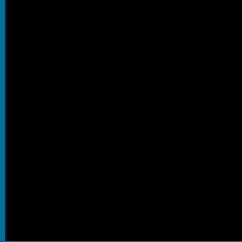
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 31.069, 249.436

Background



This preview shows how black text looks on a background with the CIELCh color 43, 31.069, 249.436.

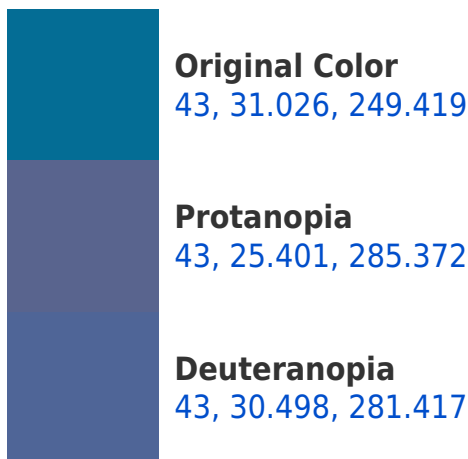


This preview shows how white text looks on a background with the CIELCh color 43, 31.069, 249.436.

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, 31.026, 249.419

Protanomaly
42, 27.806, 265.480

Deuteranomaly
43, 30.359, 265.723

Tritanomaly
43, 26.589, 222.776

Monochromacy



Original Color
43, 31.026, 249.419

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 15.355, 232.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 31.069, 249.436 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(4, 109, 149)` looks like.

```
.text, #text, p{  
    color:rgb(4, 109, 149)  
}
```

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(4, 109, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 109, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 31.069, 249.436 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(4, 109, 149) }
```

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

```
.border{ border-color:rgb(4, 109, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 109, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 109, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 109, 149);  
box-shadow:4px 4px 4px 4px rgb(4, 109,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 31.069, 249.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 109, 149) }
```

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

```
.background{ background-color: rgb(4, 109,  
149) }
```

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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