

Converting Colors

CIELCh(39, 36.589, 260.851)

Have a look what the booklet for
CIELCh(39, 36.589, 260.851)
contains.

CIELCh(39, 35.372, 263.379)	3
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Color

CIELCh(39, 35.372, 263.379)

Conversions

Conversions Part 1

Format	Color
Hex	006195
RGB	0, 97, 149
RGB Percent	0%, 38%, 58%
CMY	1.0000, 0.6202, 0.4167
CMYK	1.00, 0.35, 0.00, 0.42
HSL	201°, 100%, 29%
HSV	201°, 100%, 58%
XYZ	9.6171, 10.6589, 29.8769
YIQ	73.9250, -74.5040, -4.3920

Conversions

Conversions Part 2

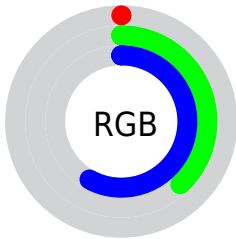
Format	Color
RYB	0, 59, 149
Decimal	24981
CIELab	39.00, -4.08, -35.14
CIELCh	39, 35.372, 263.379
Yxy	10.6589, 0.1918, 0.2125
Android (android.graphics.Color)	4278215061 (0xFF006195)
YUV	73.9250, 37.0120, -64.8322
Hunter-Lab	32.6480, -4.5536, -31.4040

Details

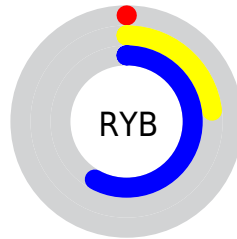
The CIELCh color **39, 35.372, 263.379** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **36, 61.214, 50.623**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 35.252, 263.781**, and **21, 32.466, 278.869** is the 20% darker color. If you saturate the color by 10%, you get **39, 35.279, 263.696**, and if you desaturate by 10%, it is **41, 32.798, 259.004**.

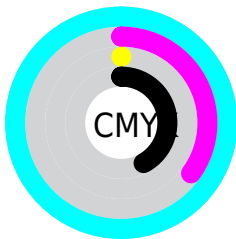
Distribution



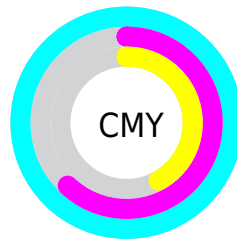
- Red (0%)
- Green (38%)
- Blue (58%)



- Red (0%)
- Yellow (23%)
- Blue (58%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (42%)





- Cyan (100%)
- Magenta (62%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 35.372, 263.379 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 39, 35.372, 263.379 by changing the saturation by 10% instead.


 39, 35.372,
263.379


 39, 35.372,
263.379

 100, 35.372,
263.379


 29, 35.372,
263.379

 59, 35.372,
263.379


 19, 35.372,
263.379


 69, 35.372,
263.379

 9, 35.372, 263.379

 79, 35.372,
263.379

 0, 35.372, 263.379

 89, 35.372,
263.379

 99, 35.372,
263.379

■ 39, 35.372,
263.379

■ 39, 35.372,
263.379

■ 39, 35.279,
263.696

■ 41, 32.798,
259.004

■ 43, 30.272,
254.597

■ 45, 27.517,
250.801

■ 47, 24.461,
247.617

■ 49, 21.074,
244.993

■ 52, 17.365,
242.855

■ 54, 13.362,
241.124

■ 56, 9.105, 239.731

Harmonies

Complementary

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



39, 35.372, 263.379



36, 61.214, 50.623

Rectangle

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



39, 35.372, 263.379



39, 35.372, 313.379



39, 35.372, 83.379



39, 35.372, 133.379

Sweetspot

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



39, 35.279, 263.696



69, 16.555, 241.220



54, 68.638, 142.592



35, 11.157, 241.843



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



39, 35.279, 263.696



51, 43.459, 264.846



19, 79.889, 303.042



30, 2.612, 238.556



36, 33.206, 263.304



2, 2.320, 237.636

Inverse Universe

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



32, 60.176, 348.176



43, 72.883, 348.735



53, 58.187, 90.943



29, 4.519, 336.934



30, 56.963, 347.990



1, 3.921, 336.328

Previews

White Background



This preview shows how the CIE LCh color 39, 35.372, 263.379 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 39, 35.372, 263.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

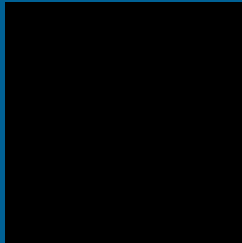
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 35.372, 263.379

Background



This preview shows how black text looks on a background with the CIELCh color 39, 35.372, 263.379.



This preview shows how white text looks on a background with the CIELCh color 39, 35.372, 263.379.

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

39, 35.335, 263.726

Protanopia

39, 32.591, 285.743

Deuteranopia

39, 36.200, 279.601



Tritanopia
39, 24.698, 208.237

Trichromacy



Original Color
39, 35.335, 263.726

Protanomaly
38, 33.939, 273.935

Deuteranomaly
39, 36.083, 272.190

Tritanomaly
39, 25.626, 232.743

Monochromacy



Original Color
39, 35.335, 263.726

Achromatopsia
31, 0.005, 296.813

Achromatomaly
33, 16.363, 245.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 35.372, 263.379 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(0, 97, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 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(0, 97, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 35.372, 263.379 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(0, 97, 149) }
```

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

```
.border{ border-color:rgb(0, 97, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 149)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 39, 35.372, 263.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 149) }
```

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

```
.background{ background-color: rgb(0, 97,  
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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