

Converting Colors

CIELCh(38, 42.616, 231.247)

Have a look what the booklet for
CIELCh(38, 42.616, 231.247)
contains.

CIELCh(41, 30.639, 251.126)	3
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Color

CIELCh(41, 30.639, 251.126)

Conversions

Conversions Part 1

Format	Color
Hex	026890
RGB	2, 104, 144
RGB Percent	1%, 41%, 56%
CMY	0.9909, 0.5933, 0.4362
CMYK	0.98, 0.28, 0.00, 0.44
HSL	197°, 97%, 29%
HSV	197°, 98%, 56%
XYZ	9.9664, 11.8645, 28.0558
YIQ	78.0620, -73.6320, -9.1840

Conversions

Conversions Part 2

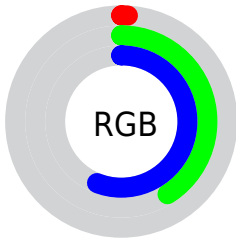
Format	Color
R_{YB}	2, 61, 144
Decimal	157840
CIE _{Lab}	41.00, -9.91, -28.99
CIE _{LCh}	41, 30.639, 251.126
Yxy	11.8645, 0.1998, 0.2378
Android (android.graphics.Color)	4278347920 (0xFF026890)
YUV	78.0620, 32.5074, -66.7064
Hunter-Lab	34.4449, -8.6307, -24.1809

Details

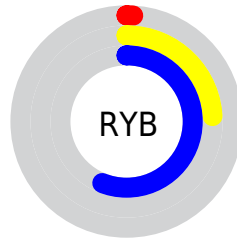
The CIELCh color **41, 30.639, 251.126** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **33, 60.662, 47.150**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 30.615, 251.111**, and **23, 26.141, 266.740** is the 20% darker color. If you saturate the color by 10%, you get **41, 30.905, 251.814**, and if you desaturate by 10%, it is **42, 29.050, 246.748**.

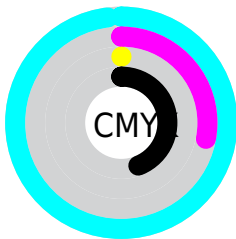
Distribution



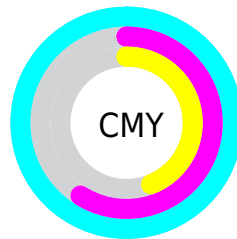
- Red (1%)
- Green (41%)
- Blue (56%)



- Red (1%)
- Yellow (24%)
- Blue (56%)



- Cyan (98%)
- Magenta (28%)
- Yellow (0%)
- Black (44%)





- Cyan (99%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 30.639, 251.126 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 41, 30.639, 251.126 by changing the saturation by 10% instead.


 41, 30.639,
251.126


 41, 30.639,
251.126


 100, 30.639,
251.126


 31, 30.639,
251.126

 61, 30.639,
251.126


 21, 30.639,
251.126

 71, 30.639,
251.126


 11, 30.639,
251.126

 81, 30.639,
251.126

 1, 30.639, 251.126

 91, 30.639,
251.126

 0, 30.639, 251.126

 41, 30.639,

 41, 30.639,

251.126

■ 41, 30.905,
251.814

251.126

■ 42, 29.050,
246.748

■ 44, 27.243,
242.865

■ 46, 25.060,
239.634

■ 47, 22.454,
237.004

■ 49, 19.421,
234.894

■ 51, 15.990,
233.219

■ 53, 12.205,
231.902

■ 56, 8.120, 230.877

Harmonies

Complementary

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



41, 30.639, 251.126



33, 60.662, 47.150

Rectangle

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



41, 30.639, 251.126



41, 30.639, 301.126



41, 30.639, 71.126



41, 30.639, 121.126

Sweetspot

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



41, 30.638, 251.127



67, 15.821, 232.169



52, 69.452, 140.833



34, 10.751, 232.655



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



41, 30.638, 251.127



52, 37.690, 252.934



21, 70.951, 300.266



29, 2.533, 230.167



38, 29.484, 251.506



1, 1.744, 229.486

Inverse Universe

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



32, 60.934, 343.013



41, 73.662, 343.670



49, 54.688, 85.583



28, 4.600, 334.176



29, 58.503, 343.151



1, 3.085, 333.611

Previews

White Background



This preview shows how the CIE LCh color 41, 30.639, 251.126 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 41, 30.639, 251.126 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 41, 30.639, 251.126

Background



This preview shows how black text looks on a background with the CIELCh color 41, 30.639, 251.126.

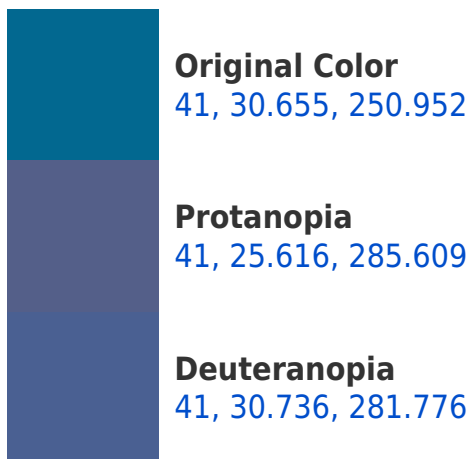



This preview shows how white text looks on a background with the CIELCh color 41, 30.639, 251.126.

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
41, 25.563, 207.733

Trichromacy



Original Color
41, 30.655, 250.952

Protanomaly
40, 27.333, 265.724

Deuteranomaly
41, 30.391, 266.772

Tritanomaly
41, 25.662, 224.092

Monochromacy



Original Color
41, 30.655, 250.952

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 15.407, 235.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 30.639, 251.126 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(2, 104, 144)` looks like.

```
.text, #text, p{  
    color:rgb(2, 104, 144)  
}
```

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(2, 104, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 104, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 30.639, 251.126 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(2, 104, 144) }
```

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

```
.border{ border-color:rgb(2, 104, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 104, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 104, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 104, 144);  
box-shadow:4px 4px 4px 4px rgb(2, 104,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 30.639, 251.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 104, 144) }
```

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

```
.background{ background-color: rgb(2, 104,  
144) }
```

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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