

Converting Colors

CIELCh(41, 28.056, 242.021)

Have a look what the booklet for
CIELCh(41, 28.056, 242.021)
contains.

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Color

CIELCh(41, 28.085, 241.867)

Conversions

Conversions Part 1

Format	Color
Hex	026989
RGB	2, 105, 137
RGB Percent	1%, 41%, 54%
CMY	0.9912, 0.5892, 0.4638
CMYK	0.98, 0.23, 0.00, 0.46
HSL	194°, 97%, 27%
HSV	194°, 98%, 54%
XYZ	9.5499, 11.8645, 25.3535
YIQ	77.8510, -71.6600, -11.8840

Conversions

Conversions Part 2

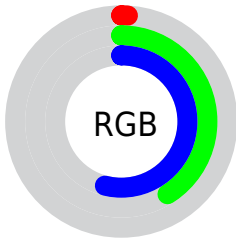
Format	Color
RYB	2, 60, 137
Decimal	158089
CIELab	41.00, -13.24, -24.77
CIELCh	41, 28.085, 241.867
Yxy	11.8645, 0.2042, 0.2537
Android (android.graphics.Color)	4278348169 (0xFF026989)
YUV	77.8510, 29.1605, -66.5213
Hunter-Lab	34.4449, -10.7891, -19.5295

Details

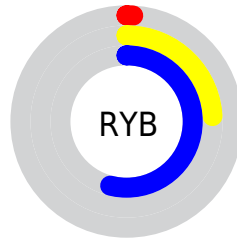
The CIELCh color **41, 28.085, 241.867** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **31, 59.499, 45.030**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 28.319, 242.593**, and **23, 22.689, 257.749** is the 20% darker color. If you saturate the color by 10%, you get **41, 28.272, 242.484**, and if you desaturate by 10%, it is **42, 26.976, 238.030**.

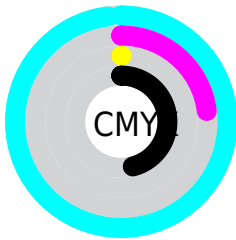
Distribution



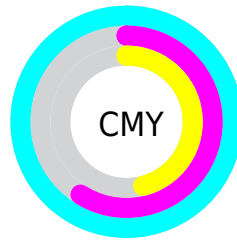
- Red (1%)
- Green (41%)
- Blue (54%)



- Red (1%)
- Yellow (24%)
- Blue (54%)



- Cyan (98%)
- Magenta (23%)
- Yellow (0%)
- Black (46%)



- Cyan (99%)
- Magenta (59%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 28.085, 241.867 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, 28.085, 241.867 by changing the saturation by 10% instead.


 41, 28.085,
241.867


 41, 28.085,
241.867


 100, 28.085,
241.867

 31, 28.085,
241.867

 61, 28.085,
241.867


 21, 28.085,
241.867

 71, 28.085,
241.867

 11, 28.085,
241.867


 81, 28.085,
241.867

 1, 28.085, 241.867

 91, 28.085,
241.867

 0, 28.085, 241.867

 41, 28.085,

 41, 28.085,

241.867

241.867

■ 41, 28.272,
242.484

■ 42, 26.976,
238.030

■ 43, 25.575,
234.690

■ 45, 23.728,
231.965

■ 46, 21.403,
229.786

■ 48, 18.610,
228.070

■ 50, 15.385,
226.737

■ 52, 11.780,
225.717

■ 53, 7.855, 224.952

Harmonies

Complementary

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



41, 28.085, 241.867



31, 59.499, 45.030

Rectangle

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



41, 28.085, 241.867



41, 28.085, 291.867



41, 28.085, 61.867



41, 28.085, 111.867

Sweetspot

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



41, 28.084, 241.867



66, 15.375, 225.928



49, 68.237, 140.013



33, 10.318, 226.289



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



41, 28.084, 241.867



53, 34.547, 243.578



21, 65.104, 298.661



28, 2.485, 224.455



40, 27.634, 242.342



1, 1.178, 223.962

Inverse Universe

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



30, 60.602, 339.979



40, 73.697, 340.511



45, 52.117, 82.748



27, 4.609, 332.422



29, 59.517, 340.131



0, 2.125, 331.883

Previews

White Background



This preview shows how the CIE LCh color 41, 28.085, 241.867 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 41, 28.085, 241.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

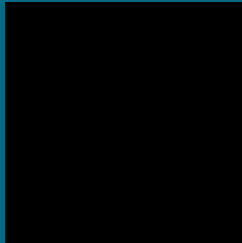
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 28.085, 241.867

Background



This preview shows how black text looks on a background with the CIELCh color 41, 28.085, 241.867.

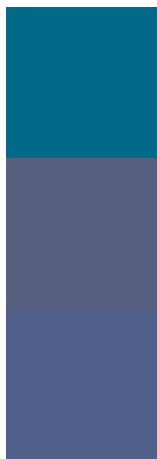


This preview shows how white text looks on a background with the CIELCh color 41, 28.085, 241.867.

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

41, 28.127, 241.781

Protanopia

41, 20.752, 285.415

Deuteranopia

41, 26.376, 282.493



Tritanopia
41, 25.516, 209.195

Trichromacy



Original Color
41, 28.127, 241.781

Protanomaly
40, 23.356, 258.633

Deuteranomaly
40, 26.611, 262.620

Tritanomaly
41, 25.556, 222.645

Monochromacy



Original Color
41, 28.127, 241.781

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 14.673, 226.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 28.085, 241.867 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, 105, 137)` looks like.

```
.text, #text, p{  
    color:rgb(2, 105, 137)  
}
```

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, 105, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 105, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 28.085, 241.867 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, 105, 137) }
```

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

```
.border{ border-color:rgb(2, 105, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 105, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 105, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 105, 137);  
box-shadow:4px 4px 4px 4px rgb(2, 105,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 28.085, 241.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 105, 137) }
```

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

```
.background{ background-color: rgb(2, 105,  
137) }
```

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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