

Converting Colors

CIELCh(39, 45.192, 198.468)

Have a look what the booklet for
CIELCh(39, 45.192, 198.468)
contains.

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Color

CIELCh(41, 26.139, 203.275)

Conversions

Conversions Part 1

Format	Color
Hex	006C71
RGB	0, 108, 113
RGB Percent	0%, 42%, 44%
CMY	1.0000, 0.5770, 0.5574
CMYK	1.00, 0.04, 0.00, 0.56
HSL	183°, 100%, 22%
HSV	183°, 100%, 44%
XYZ	8.2831, 11.8645, 17.4347
YIQ	76.2780, -65.9730, -21.3410

Conversions

Conversions Part 2

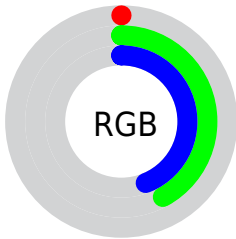
Format	Color
RYB	0, 55, 113
Decimal	27761
CIELab	41.00, -24.01, -10.33
CIELCh	41, 26.139, 203.275
Yxy	11.8645, 0.2204, 0.3157
Android (android.graphics.Color)	4278217841 (0xFF006C71)
YUV	76.2780, 18.1039, -66.8958
Hunter-Lab	34.4449, -17.3538, -5.8988

Details

The CIELCh color **41, 26.139, 203.275** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22, 54.471, 38.231**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 26.024, 203.485**, and **22, 17.245, 207.988** is the 20% darker color. If you saturate the color by 10%, you get **41, 25.940, 203.347**, and if you desaturate by 10%, it is **41, 25.315, 202.872**.

Distribution



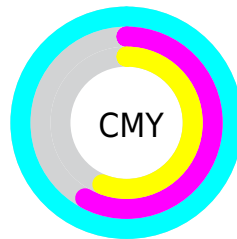
- Red (0%)
- Green (42%)
- Blue (44%)



- Red (0%)
- Yellow (22%)
- Blue (44%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)





- Cyan (100%)
- Magenta (58%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 26.139, 203.275 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, 26.139, 203.275 by changing the saturation by 10% instead.


 41, 26.139,
203.275


 41, 26.139,
203.275


 100, 26.139,
203.275


 31, 26.139,
203.275

 61, 26.139,
203.275


 21, 26.139,
203.275

 71, 26.139,
203.275

 11, 26.139,
203.275


 81, 26.139,
203.275

 1, 26.139, 203.275

 91, 26.139,
203.275

 0, 26.139, 203.275

 41, 26.139,

 41, 26.139,

203.275

■ 41, 25.940,
203.347

203.275

■ 41, 25.315,
202.872

■ 42, 24.393,
202.473

■ 42, 22.945,
202.214

■ 43, 20.961,
202.085

■ 43, 18.460,
202.073

■ 44, 15.483,
202.167

■ 45, 12.085,
202.353

■ 46, 8.330, 202.622

Harmonies

Complementary

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



41, 26.139, 203.275



22, 54.471, 38.231

Rectangle

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



41, 26.139, 203.275



41, 26.139, 253.275



41, 26.139, 23.275



41, 26.139, 73.275

Sweetspot

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



41, 25.940, 203.347



58, 15.039, 202.334



41, 64.890, 136.498



29, 10.070, 202.267



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 25.940, 203.347



53, 31.483, 203.546



23, 40.417, 285.075



23, 2.402, 203.028



44, 27.067, 203.395



85, 46.089, 203.822

Inverse Universe

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



26, 61.276, 329.994



34, 74.408, 330.043



31, 45.807, 65.137



22, 4.447, 326.100



27, 63.948, 330.006



58, 109.005, 330.112

Previews

White Background



This preview shows how the CIELCh color 41, 26.139, 203.275 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, 26.139, 203.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

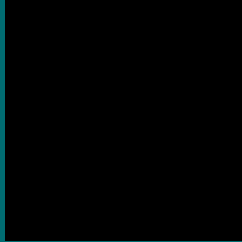
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

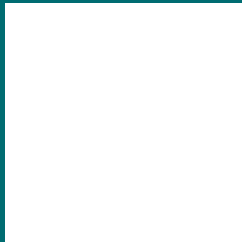
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 41, 26.139, 203.275

Background



This preview shows how black text looks on a background with the CIELCh color 41, 26.139, 203.275.



This preview shows how white text looks on a background with the CIELCh color 41, 26.139, 203.275.

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, 25.965, 203.333

Protanopia

41, 5.467, 291.005

Deuteranopia

41, 13.457, 297.078



Tritanopia
41, 24.655, 209.726

Trichromacy



Original Color
41, 25.965, 203.333

Protanomaly
40, 14.488, 217.716

Deuteranomaly
40, 15.668, 237.055

Tritanomaly
41, 25.035, 208.024

Monochromacy



Original Color
41, 25.965, 203.333

Achromatopsia
32, 0.005, 296.813

Achromatomaly
35, 14.643, 199.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 26.139, 203.275 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, 108, 113)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 113)  
}
```

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, 108, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 26.139, 203.275 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, 108, 113) }
```

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

```
.border{ border-color:rgb(0, 108, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 26.139, 203.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 113) }
```

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

```
.background{ background-color: rgb(0, 108,  
113) }
```

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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