

Converting Colors

CIELCh(43, 26.475, 219.940)

Have a look what the booklet for
CIELCh(43, 26.475, 219.940)
contains.

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Color

CIELCh(43, 26.475, 219.940)

Conversions

Conversions Part 1

Format	Color
Hex	007081
RGB	0, 112, 129
RGB Percent	0%, 44%, 51%
CMY	1.0000, 0.5610, 0.4943
CMYK	1.00, 0.13, 0.00, 0.49
HSL	188°, 100%, 25%
HSV	188°, 100%, 51%
XYZ	9.7441, 13.1578, 22.7745
YIQ	80.4500, -72.2090, -18.4570

Conversions

Conversions Part 2

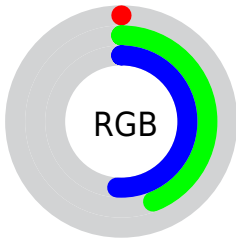
Format	Color
RYB	0, 60, 129
Decimal	28801
CIELab	43.00, -20.30, -17.00
CIELCh	43, 26.475, 219.940
Yxy	13.1578, 0.2133, 0.2881
Android (android.graphics.Color)	4278218881 (0xFF007081)
YUV	80.4500, 23.9351, -70.5547
Hunter-Lab	36.2736, -15.5290, -11.8339

Details

The CIELCh color **43, 26.475, 219.940** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **27, 59.783, 41.221**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 26.432, 220.127**, and **24, 18.827, 231.868** is the 20% darker color. If you saturate the color by 10%, you get **43, 26.465, 219.948**, and if you desaturate by 10%, it is **44, 25.920, 217.940**.

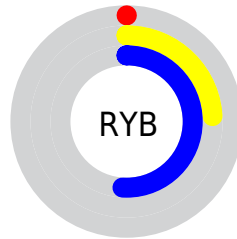
Distribution



Red (0%)

Green (44%)

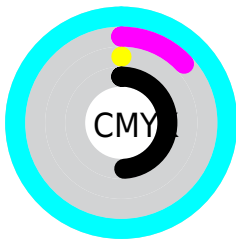
Blue (51%)



Red (0%)

Yellow (24%)

Blue (51%)

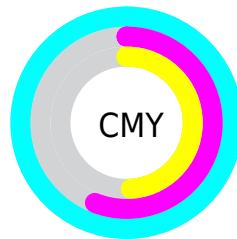


Cyan (100%)

Magenta (13%)

Yellow (0%)

Black (49%)



Cyan (100%)


Magenta (56%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 26.475, 219.940 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, 26.475, 219.940 by changing the saturation by 10% instead.


 43, 26.475,
219.940


 43, 26.475,
219.940


 100, 26.475,
219.940


 33, 26.475,
219.940

 63, 26.475,
219.940


 23, 26.475,
219.940

 73, 26.475,
219.940

 13, 26.475,
219.940

 83, 26.475,
219.940

 3, 26.475, 219.940

 93, 26.475,
219.940

 0, 26.475, 219.940

 43, 26.475,

 43, 26.475,

219.940

■ 43, 26.465,
219.948

219.940

■ 44, 25.920,
217.940

■ 44, 25.032,
216.192

■ 45, 23.590,
214.823

■ 46, 21.582,
213.782

■ 47, 19.026,
213.020

■ 48, 15.969,
212.490

■ 50, 12.472,
212.154

■ 51, 8.601, 211.978

Harmonies

Complementary

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



43, 26.475, 219.940



27, 59.783, 41.221

Rectangle

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



43, 26.475, 219.940



43, 26.475, 269.940



43, 26.475, 39.940



43, 26.475, 89.940

Sweetspot

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



43, 26.465, 219.948



64, 15.465, 212.172



47, 69.675, 137.505



32, 10.361, 212.274



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 26.465, 219.948



56, 32.108, 220.582



23, 52.549, 292.304



26, 2.476, 211.962



43, 26.253, 219.919



0, 0.000, 0.000

Inverse Universe

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



29, 63.047, 334.080



39, 76.409, 334.238



38, 49.783, 72.004



25, 4.659, 328.745



29, 62.545, 334.073



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 26.475, 219.940 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 43, 26.475, 219.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

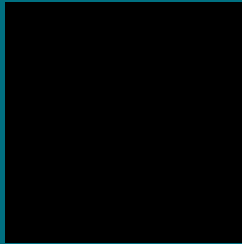
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.475, 219.940

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.475, 219.940.

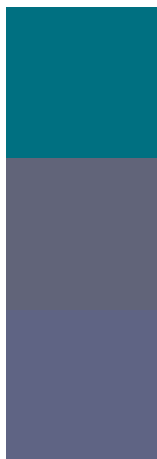


This preview shows how white text looks on a background with the CIELCh color 43, 26.475, 219.940.

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

43, 26.475, 219.940

Protanopia

43, 12.680, 286.876

Deuteranopia

43, 19.295, 287.591

Trichromacy



Original Color
43, 26.475, 219.940

Protanomaly
42, 17.950, 240.955

Deuteranomaly
42, 20.855, 250.387

Monochromacy



Original Color
43, 26.475, 219.940

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 14.866, 212.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.475, 219.940 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, 112, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 129)  
}
```

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, 112, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.475, 219.940 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, 112, 129) }
```

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

```
.border{ border-color:rgb(0, 112, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 112, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 112, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 112,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.475, 219.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 129) }
```

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

```
.background{ background-color: rgb(0, 112,  
129) }
```

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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