

Converting Colors

CIELCh(38, 73.784, 189.790)

Have a look what the booklet for
CIELCh(38, 73.784, 189.790)
contains.

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Color

CIELCh(43, 28.461, 190.095)

Conversions

Conversions Part 1

Format	Color
Hex	03726D
RGB	3, 114, 109
RGB Percent	1%, 45%, 43%
CMY	0.9896, 0.5529, 0.5726
CMYK	0.98, 0.00, 0.04, 0.55
HSL	177°, 95%, 23%
HSV	177°, 98%, 45%
XYZ	8.8110, 13.1578, 16.5394
YIQ	80.2410, -64.5510, -25.0870

Conversions

Conversions Part 2

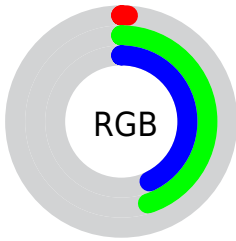
Format	Color
RYB	3, 60, 114
Decimal	225901
CIELab	43.00, -28.02, -4.99
CIELCh	43, 28.461, 190.095
Yxy	13.1578, 0.2288, 0.3417
Android (android.graphics.Color)	4278415981 (0xFF03726D)
YUV	80.2410, 14.1782, -67.7404
Hunter-Lab	36.2736, -20.1206, -1.6424

Details

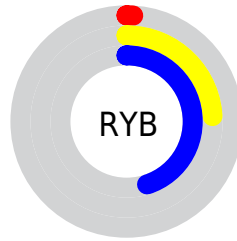
The CIELCh color **43, 28.461, 190.095** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22, 53.564, 35.132**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 28.259, 190.110**, and **24, 19.442, 190.312** is the 20% darker color. If you saturate the color by 10%, you get **43, 28.665, 189.969**, and if you desaturate by 10%, it is **43, 27.558, 190.646**.

Distribution



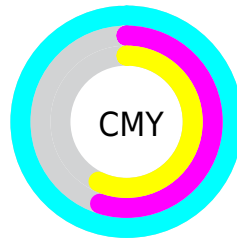
- Red (1%)
- Green (45%)
- Blue (43%)



- Red (1%)
- Yellow (24%)
- Blue (45%)



- Cyan (98%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)




- Cyan (99%)
- Magenta (55%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 28.461, 190.095 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, 28.461, 190.095 by changing the saturation by 10% instead.


 43, 28.461,
190.095


 43, 28.461,
190.095


 100, 28.461,
190.095

 33, 28.461,
190.095

 63, 28.461,
190.095

 23, 28.461,
190.095

 73, 28.461,
190.095

 13, 28.461,
190.095

 83, 28.461,
190.095

 3, 28.461, 190.095

 93, 28.461,
190.095

 0, 28.461, 190.095

 43, 28.461,

 43, 28.461,

190.095

■ 43, 28.665,
189.969

190.095

■ 43, 27.558,
190.646

■ 43, 26.253,
191.192

■ 44, 24.408,
191.731

■ 44, 22.022,
192.274

■ 44, 19.123,
192.828

■ 45, 15.757,
193.398

■ 46, 11.987,
193.989

■ 46, 7.879, 194.604

Harmonies

Complementary

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



43, 28.461, 190.095



22, 53.564, 35.132

Rectangle

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



43, 28.461, 190.095



43, 28.461, 240.095



43, 28.461, 10.095



43, 28.461, 60.095

Sweetspot

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



43, 28.461, 190.094



58, 15.439, 193.865



41, 65.120, 135.818



29, 10.409, 193.670



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 28.461, 190.094



55, 34.625, 189.810



26, 33.896, 275.527



23, 2.524, 195.181



45, 29.712, 189.936



88, 50.862, 189.582

Inverse Universe

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



22, 53.564, 35.132



30, 67.429, 37.538



30, 46.248, 58.481



22, 2.651, 16.197



24, 56.788, 35.998



52, 100.452, 38.734

Previews

White Background



This preview shows how the CIELCh color 43, 28.461, 190.095 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, 28.461, 190.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

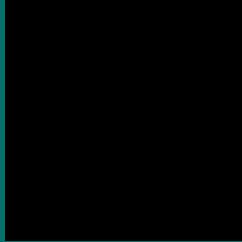
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 28.461, 190.095

Background



This preview shows how black text looks on a background with the CIELCh color 43, 28.461, 190.095.



This preview shows how white text looks on a background with the CIELCh color 43, 28.461, 190.095.

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, 28.429, 190.121

Protanopia

43, 0.831, 19.106

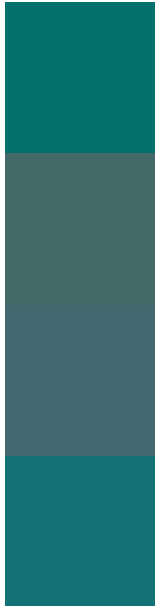
Deuteranopia

43, 8.358, 310.870



Tritanopia
43, 24.435, 209.827

Trichromacy



Original Color
43, 28.429, 190.121

Protanomaly
42, 14.587, 192.895

Deuteranomaly
42, 13.510, 216.407

Tritanomaly
43, 25.765, 202.050

Monochromacy



Original Color
43, 28.429, 190.121

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 14.845, 195.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 28.461, 190.095 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(3, 114, 109)` looks like.

```
.text, #text, p{  
    color:rgb(3, 114, 109)  
}
```

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(3, 114, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 114, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 28.461, 190.095 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(3, 114, 109) }
```

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

```
.border{ border-color:rgb(3, 114, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 114, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 114, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 114, 109);  
box-shadow:4px 4px 4px 4px rgb(3, 114,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 28.461, 190.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 114, 109) }
```

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

```
.background{ background-color: rgb(3, 114,  
109) }
```

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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