

Converting Colors

CIELCh(48, 28.464, 211.318)

Have a look what the booklet for
CIELCh(48, 28.464, 211.318)
contains.

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Color

CIELCh(48, 28.476, 211.301)

Conversions

Conversions Part 1

Format	Color
Hex	037E8A
RGB	3, 126, 138
RGB Percent	1%, 49%, 54%
CMY	0.9874, 0.5056, 0.4586
CMYK	0.98, 0.09, 0.00, 0.46
HSL	185°, 95%, 28%
HSV	185°, 98%, 54%
XYZ	12.1005, 16.7945, 26.6716
YIQ	90.5910, -77.1600, -22.3440

Conversions

Conversions Part 2

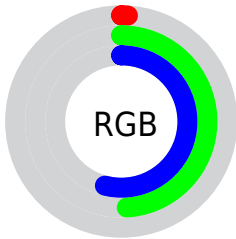
Format	Color
RYB	3, 67, 138
Decimal	229002
CIELab	48.00, -24.33, -14.79
CIElCh	48, 28.476, 211.301
Yxy	16.7945, 0.2178, 0.3022
Android (android.graphics.Color)	4278419082 (0xFF037E8A)
YUV	90.5910, 23.3726, -76.8173
Hunter-Lab	40.9810, -19.0112, -9.9008

Details

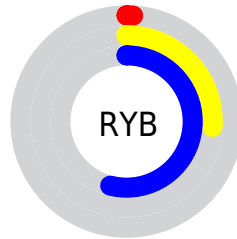
The CIELCh color **48, 28.476, 211.301** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **29, 62.918, 40.052**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **68, 28.528, 210.840**, and **29, 20.217, 219.658** is the 20% darker color. If you saturate the color by 10%, you get **48, 28.587, 211.597**, and if you desaturate by 10%, it is **49, 27.940, 210.044**.

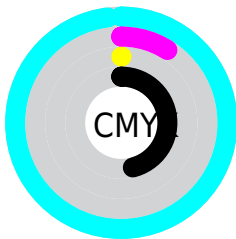
Distribution



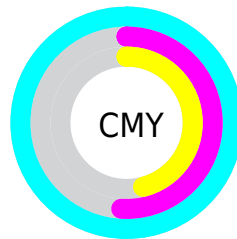
- Red (1%)
- Green (49%)
- Blue (54%)



- Red (1%)
- Yellow (26%)
- Blue (54%)



- Cyan (98%)
- Magenta (9%)
- Yellow (0%)
- Black (46%)





- Cyan (99%)
- Magenta (51%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 28.476, 211.301 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 48, 28.476, 211.301 by changing the saturation by 10% instead.


 48, 28.476,
211.301


 48, 28.476,
211.301


 100, 28.476,
211.301


 38, 28.476,
211.301

 68, 28.476,
211.301


 28, 28.476,
211.301

 78, 28.476,
211.301

 18, 28.476,
211.301

 88, 28.476,
211.301

 8, 28.476, 211.301

 98, 28.476,
211.301

 0, 28.476, 211.301

 48, 28.476,

 48, 28.476,

211.301

■ 48, 28.587,
211.597

211.301

■ 49, 27.940,
210.044

■ 49, 26.898,
209.026

■ 50, 25.233,
208.262

■ 51, 22.939,
207.723

■ 52, 20.046,
207.378

■ 53, 16.607,
207.198

■ 54, 12.692,
207.157

■ 55, 8.376, 207.237

Harmonies

Complementary

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



48, 28.476, 211.301



29, 62.918, 40.052

Rectangle

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



48, 28.476, 211.301



48, 28.476, 261.301



48, 28.476, 31.301



48, 28.476, 81.301

Sweetspot

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



48, 28.475, 211.300



68, 16.291, 207.155



50, 73.522, 137.107



35, 10.976, 207.164



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



48, 28.475, 211.300



61, 34.465, 211.960



27, 51.065, 289.353



28, 2.733, 207.407



46, 27.771, 211.532



1, 1.299, 207.523

Inverse Universe

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



32, 67.972, 331.930



41, 82.479, 332.114



40, 51.579, 69.194



27, 5.119, 327.422



30, 66.445, 332.009



0, 2.363, 326.938

Previews

White Background



This preview shows how the CIELCh color 48, 28.476, 211.301 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 48, 28.476, 211.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

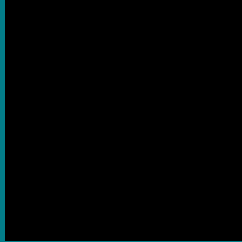
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 28.476, 211.301

Background



This preview shows how black text looks on a background with the CIELCh color 48, 28.476, 211.301.

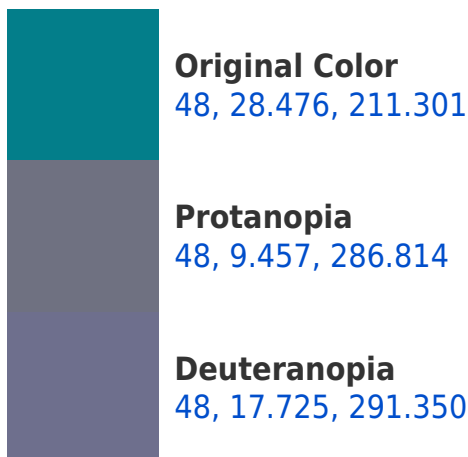


This preview shows how white text looks on a background with the CIELCh color 48, 28.476, 211.301.

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](#).

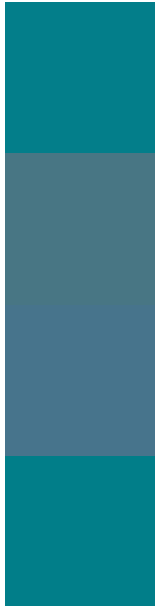
Dichromacy





Tritanopia
48, 28.691, 208.673

Trichromacy



Original Color
48, 28.476, 211.301

Protanomaly
47, 17.233, 226.968

Deuteranomaly
47, 19.818, 244.615

Tritanomaly
48, 28.602, 209.968

Monochromacy



Original Color
48, 28.476, 211.301

Achromatopsia
39, 0.005, 296.813

Achromatomaly
41, 15.971, 206.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 28.476, 211.301 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, 126, 138)` looks like.

```
.text, #text, p{  
    color:rgb(3, 126, 138)  
}
```

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, 126, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 126, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 28.476, 211.301 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, 126, 138) }
```

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

```
.border{ border-color:rgb(3, 126, 138) }
```

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

Here you see how a box with a 4 pixel rgb(3, 126, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 126, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 126, 138);  
box-shadow:4px 4px 4px 4px rgb(3, 126,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 28.476, 211.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 126, 138) }
```

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

```
.background{ background-color: rgb(3, 126,  
138) }
```

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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