

Converting Colors

CIELCh(44, 27.475, 198.323)

Have a look what the booklet for
CIELCh(44, 27.475, 198.323)
contains.

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Color

CIELCh(44, 27.396, 199.013)

Conversions

Conversions Part 1

Format	Color
Hex	057476
RGB	5, 116, 118
RGB Percent	2%, 45%, 46%
CMY	0.9800, 0.5450, 0.5372
CMYK	0.96, 0.02, 0.00, 0.54
HSL	181°, 92%, 24%
HSV	181°, 96%, 46%
XYZ	9.5835, 13.8382, 19.3135
YIQ	83.0390, -66.7980, -22.9100

Conversions

Conversions Part 2

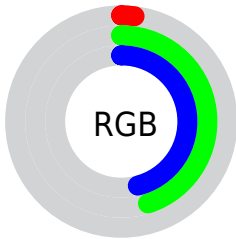
Format	Color
RYB	5, 61, 118
Decimal	357494
CIELab	44.00, -25.90, -8.93
CIELCh	44, 27.396, 199.013
Yxy	13.8382, 0.2243, 0.3238
Android (android.graphics.Color)	4278547574 (0xFF057476)
YUV	83.0390, 17.2358, -68.4402
Hunter-Lab	37.1997, -19.1137, -4.7426

Details

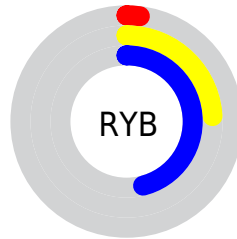
The CIELCh color **44, 27.396, 199.013** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24, 55.233, 37.268**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 27.234, 199.527**, and **25, 18.747, 202.649** is the 20% darker color. If you saturate the color by 10%, you get **44, 27.688, 199.069**, and if you desaturate by 10%, it is **44, 26.640, 198.887**.

Distribution



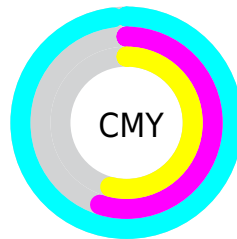
- Red (2%)
- Green (45%)
- Blue (46%)



- Red (2%)
- Yellow (24%)
- Blue (46%)



- Cyan (96%)
- Magenta (2%)
- Yellow (0%)
- Black (54%)



- Cyan (98%)
- Magenta (55%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 27.396, 199.013 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 44, 27.396, 199.013 by changing the saturation by 10% instead.


 44, 27.396,
199.013


 44, 27.396,
199.013


 100, 27.396,
199.013


 34, 27.396,
199.013

 64, 27.396,
199.013


 24, 27.396,
199.013

 74, 27.396,
199.013

 14, 27.396,
199.013

 84, 27.396,
199.013

 4, 27.396, 199.013

 94, 27.396,
199.013

 0, 27.396, 199.013

 44, 27.396,

 44, 27.396,

199.013

■ 44, 27.688,
199.069

199.013

■ 44, 26.640,
198.887

■ 44, 25.400,
198.840

■ 45, 23.601,
198.881

■ 45, 21.242,
199.007

■ 46, 18.353,
199.212

■ 46, 14.981,
199.491

■ 47, 11.190,
199.838

■ 48, 7.046, 200.252

Harmonies

Complementary

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



44, 27.396, 199.013



24, 55.233, 37.268

Rectangle

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



44, 27.396, 199.013



44, 27.396, 249.013



44, 27.396, 19.013



44, 27.396, 69.013

Sweetspot

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



44, 27.396, 199.012



60, 15.407, 199.690



43, 66.184, 136.516



30, 10.377, 199.575



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 27.396, 199.012



56, 33.394, 199.138



25, 38.806, 282.138



24, 2.559, 200.578



46, 28.416, 199.080



88, 48.114, 199.233

Inverse Universe

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



27, 63.541, 328.845



36, 77.857, 328.937



33, 45.585, 64.150



23, 4.701, 325.365



28, 66.239, 328.922



59, 112.217, 328.961

Previews

White Background



This preview shows how the CIELCh color 44, 27.396, 199.013 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 44, 27.396, 199.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

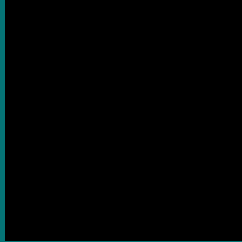
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 27.396, 199.013

Background



This preview shows how black text looks on a background with the CIELCh color 44, 27.396, 199.013.

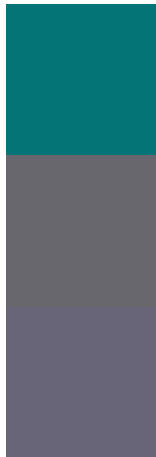


This preview shows how white text looks on a background with the CIELCh color 44, 27.396, 199.013.

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

44, 27.396, 199.013

Protanopia

44, 4.227, 296.247

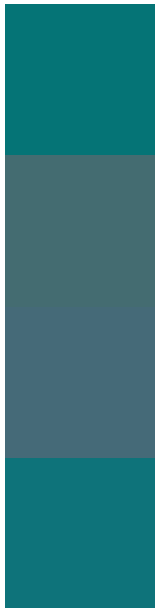
Deuteranopia

44, 12.145, 299.173



Tritanopia
44, 25.621, 209.085

Trichromacy



Original Color
44, 27.396, 199.013

Protanomaly
43, 14.538, 209.875

Deuteranomaly
43, 15.075, 232.488

Tritanomaly
44, 26.129, 206.038

Monochromacy



Original Color
44, 27.396, 199.013

Achromatopsia
35, 0.005, 296.813

Achromatomaly
38, 14.641, 200.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 27.396, 199.013 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(5, 116, 118)` looks like.

```
.text, #text, p{  
    color:rgb(5, 116, 118)  
}
```

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(5, 116, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 116, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 27.396, 199.013 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(5, 116, 118) }
```

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

```
.border{ border-color:rgb(5, 116, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 116, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 116, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 116, 118);  
box-shadow:4px 4px 4px 4px rgb(5, 116,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 27.396, 199.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 116, 118) }
```

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

```
.background{ background-color: rgb(5, 116,  
118) }
```

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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