

Converting Colors

CIELCh(40, 59.615, 192.897)

Have a look what the booklet for
CIELCh(40, 59.615, 192.897)
contains.

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Color

CIELCh(44, 28.182, 195.124)

Conversions

Conversions Part 1

Format	Color
Hex	017473
RGB	1, 116, 115
RGB Percent	0%, 45%, 45%
CMY	0.9956, 0.5435, 0.5475
CMYK	0.99, 0.00, 0.01, 0.54
HSL	179°, 98%, 23%
HSV	179°, 99%, 46%
XYZ	9.4233, 13.8382, 18.5141
YIQ	81.5010, -68.2190, -24.6910

Conversions

Conversions Part 2

Format	Color
RYB	1, 59, 116
Decimal	95347
CIELab	44.00, -27.21, -7.35
CIELCh	44, 28.182, 195.124
Yxy	13.8382, 0.2256, 0.3313
Android (android.graphics.Color)	4278285427 (0xFF017473)
YUV	81.5010, 16.5150, -70.5994
Hunter-Lab	37.1997, -19.8827, -3.4685

Details

The CIELCh color **44, 28.182, 195.124** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23, 55.964, 37.004**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 28.345, 194.764**, and **25, 19.188, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **44, 28.255, 195.107**, and if you desaturate by 10%, it is **44, 27.411, 195.297**.

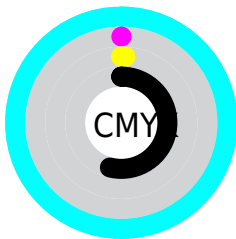
Distribution



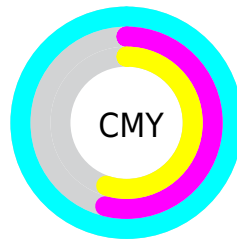
- Red (0%)
- Green (45%)
- Blue (45%)



- Red (0%)
- Yellow (23%)
- Blue (45%)



- Cyan (99%)
- Magenta (0%)
- Yellow (1%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 28.182, 195.124 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, 28.182, 195.124 by changing the saturation by 10% instead.

 44, 28.182,
195.124

 44, 28.182,
195.124

 100, 28.182,
195.124

 34, 28.182,
195.124

 64, 28.182,
195.124

 24, 28.182,
195.124

 74, 28.182,
195.124

 14, 28.182,
195.124

 84, 28.182,
195.124

 4, 28.182, 195.124

 94, 28.182,
195.124

 0, 28.182, 195.124

 44, 28.182,

 44, 28.182,

195.124

195.124

■ 44, 28.255,
195.107

■ 44, 27.411,
195.297

■ 44, 26.279,
195.501

■ 45, 24.601,
195.748

■ 45, 22.365,
196.043

■ 45, 19.593,
196.388

■ 46, 16.325,
196.783

■ 47, 12.619,
197.226

■ 47, 8.542, 197.717

Harmonies

Complementary

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



44, 28.182, 195.124



23, 55.964, 37.004

Rectangle

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



44, 28.182, 195.124



44, 28.182, 245.124



44, 28.182, 15.124



44, 28.182, 65.124

Sweetspot

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



44, 28.182, 195.123



59, 15.986, 197.147



42, 66.726, 135.963



30, 10.856, 196.996



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, 28.182, 195.123



56, 34.020, 195.075



26, 37.272, 279.953



24, 2.608, 198.276



46, 29.290, 195.100



89, 49.675, 195.029

Inverse Universe

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



23, 55.964, 37.004



31, 69.661, 39.100



31, 47.129, 60.954



23, 2.750, 19.155



24, 58.796, 37.647



52, 102.633, 39.751

Previews

White Background



This preview shows how the CIELCh color 44, 28.182, 195.124 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, 28.182, 195.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

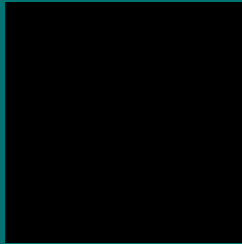
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 28.182, 195.124

Background



This preview shows how black text looks on a background with the CIELCh color 44, 28.182, 195.124.



This preview shows how white text looks on a background with the CIELCh color 44, 28.182, 195.124.

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, 28.117, 195.128

Protanopia

44, 2.548, 309.192

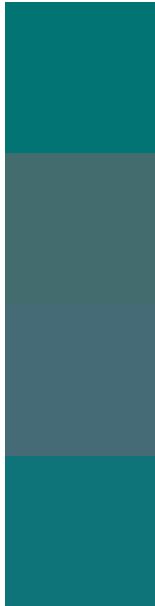
Deuteranopia

44, 11.101, 303.881



Tritanopia
44, 25.332, 209.255

Trichromacy



Original Color
44, 28.117, 195.128

Protanomaly
43, 14.848, 202.416

Deuteranomaly
43, 14.917, 224.600

Tritanomaly
44, 26.469, 203.195

Monochromacy



Original Color
44, 28.117, 195.128

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 15.434, 195.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 28.182, 195.124 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(1, 116, 115)` looks like.

```
.text, #text, p{  
    color:rgb(1, 116, 115)  
}
```

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(1, 116, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 116, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 28.182, 195.124 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(1, 116, 115) }
```

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

```
.border{ border-color:rgb(1, 116, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 116, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 116, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 116, 115);  
box-shadow:4px 4px 4px 4px rgb(1, 116,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 28.182, 195.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 116, 115) }
```

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

```
.background{ background-color: rgb(1, 116,  
115) }
```

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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