

Converting Colors

CIELCh(44, 26.342, 217.797)

Have a look what the booklet for
CIELCh(44, 26.342, 217.797)
contains.

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Color

CIELCh(44, 26.358, 217.074)

Conversions

Conversions Part 1

Format	Color
Hex	087382
RGB	8, 115, 130
RGB Percent	3%, 45%, 51%
CMY	0.9687, 0.5503, 0.4915
CMYK	0.94, 0.12, 0.00, 0.49
HSL	187°, 88%, 27%
HSV	187°, 94%, 51%
XYZ	10.1980, 13.8382, 23.1317
YIQ	84.7170, -68.5870, -18.0190

Conversions

Conversions Part 2

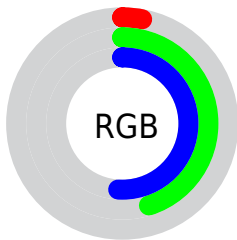
Format	Color
RYB	8, 65, 130
Decimal	553858
CIELab	44.00, -21.03, -15.89
CIELCh	44, 26.358, 217.074
Yxy	13.8382, 0.2162, 0.2934
Android (android.graphics.Color)	4278743938 (0xFF087382)
YUV	84.7170, 22.3245, -67.2808
Hunter-Lab	37.1997, -16.1650, -10.8281

Details

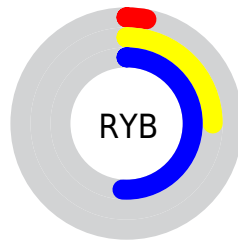
The CIELCh color **44, 26.358, 217.074** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **28, 57.176, 40.176**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 26.297, 217.515**, and **26, 18.939, 226.504** is the 20% darker color. If you saturate the color by 10%, you get **44, 26.680, 218.213**, and if you desaturate by 10%, it is **45, 25.672, 215.325**.

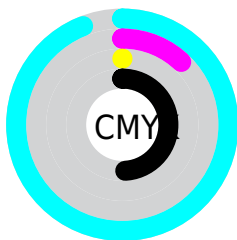
Distribution



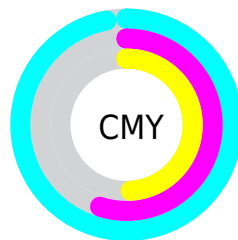
- Red (3%)
- Green (45%)
- Blue (51%)



- Red (3%)
- Yellow (25%)
- Blue (51%)



- Cyan (94%)
- Magenta (12%)
- Yellow (0%)
- Black (49%)





- Cyan (97%)
- Magenta (55%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 26.358, 217.074 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, 26.358, 217.074 by changing the saturation by 10% instead.


 44, 26.358,
217.074


 44, 26.358,
217.074


 100, 26.358,
217.074

 34, 26.358,
217.074

 64, 26.358,
217.074


 24, 26.358,
217.074

 74, 26.358,
217.074

 14, 26.358,
217.074

 84, 26.358,
217.074

 4, 26.358, 217.074

 94, 26.358,
217.074

 0, 26.358, 217.074

 44, 26.358,

 44, 26.358,

217.074

■ 44, 26.680,
218.213

217.074

■ 45, 25.672,
215.325

■ 45, 24.448,
213.939

■ 46, 22.648,
212.880

■ 47, 20.281,
212.101

■ 48, 17.385,
211.557

■ 50, 14.016,
211.210

■ 51, 10.241,
211.025

■ 52, 6.129, 210.984

Harmonies

Complementary

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



44, 26.358, 217.074



28, 57.176, 40.176

Rectangle

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



44, 26.358, 217.074



44, 26.358, 267.074



44, 26.358, 37.074



44, 26.358, 87.074

Sweetspot

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



44, 26.357, 217.073



64, 14.638, 211.095



47, 67.974, 138.066



32, 9.922, 211.171



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 26.357, 217.073



56, 32.234, 218.785



25, 49.242, 290.201



26, 2.492, 211.022



43, 26.362, 218.172



0, 0.000, 0.000

Inverse Universe

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



30, 62.620, 333.310



39, 76.918, 333.791



39, 47.764, 73.179



25, 4.687, 328.472



29, 62.952, 333.640



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 44, 26.358, 217.074 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, 26.358, 217.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

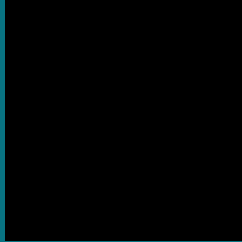
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 26.358, 217.074

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.358, 217.074.

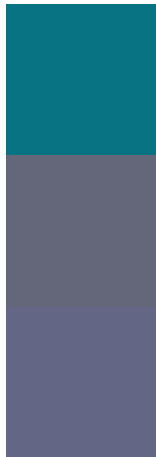


This preview shows how white text looks on a background with the CIELCh color 44, 26.358, 217.074.

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, 26.413, 217.026

Protanopia

44, 11.426, 286.070

Deuteranopia

44, 18.597, 289.441



Tritanopia
44, 26.843, 209.752

Trichromacy



Original Color
44, 26.413, 217.026

Protanomaly
43, 16.893, 238.430

Deuteranomaly
43, 19.552, 249.119

Tritanomaly
44, 26.632, 212.628

Monochromacy



Original Color
44, 26.413, 217.026

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 14.316, 212.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 26.358, 217.074 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(8, 115, 130)` looks like.

```
.text, #text, p{  
    color:rgb(8, 115, 130)  
}
```

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(8, 115, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 115, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.358, 217.074 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(8, 115, 130) }
```

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

```
.border{ border-color:rgb(8, 115, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 115, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 115, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 115, 130);  
box-shadow:4px 4px 4px 4px rgb(8, 115,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.358, 217.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 115, 130) }
```

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

```
.background{ background-color: rgb(8, 115,  
130) }
```

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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