

Converting Colors

CIELCh(43, 26.585, 197.309)

Have a look what the booklet for
CIELCh(43, 26.585, 197.309)
contains.

CIELCh(43, 26.470, 197.824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 26.470, 197.824)

Conversions

Conversions Part 1

Format	Color
Hex	0D7172
RGB	13, 113, 114
RGB Percent	5%, 44%, 45%
CMY	0.9473, 0.5562, 0.5522
CMYK	0.88, 0.01, 0.00, 0.55
HSL	181°, 79%, 25%
HSV	181°, 88%, 45%
XYZ	9.1446, 13.1578, 18.0298
YIQ	83.2140, -59.9210, -20.8890

Conversions

Conversions Part 2

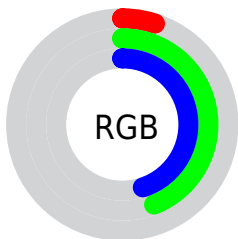
Format	Color
RYB	13, 63, 114
Decimal	881010
CIELab	43.00, -25.20, -8.10
CIElCh	43, 26.470, 197.824
Yxy	13.1578, 0.2267, 0.3262
Android (android.graphics.Color)	4279071090 (0xFF0D7172)
YUV	83.2140, 15.1775, -61.5777
Hunter-Lab	36.2736, -18.4788, -4.0785

Details

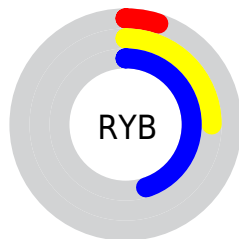
The CIELCh color **43, 26.470, 197.824** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23, 50.726, 35.388**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 26.395, 198.412**, and **24, 18.301, 200.692** is the 20% darker color. If you saturate the color by 10%, you get **43, 27.199, 197.857**, and if you desaturate by 10%, it is **43, 25.359, 197.840**.

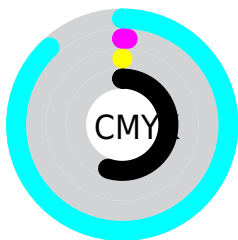
Distribution



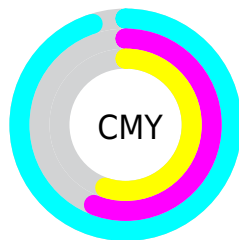
- Red (5%)
- Green (44%)
- Blue (45%)



- Red (5%)
- Yellow (25%)
- Blue (45%)



- Cyan (88%)
- Magenta (1%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (56%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 26.470, 197.824 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, 26.470, 197.824 by changing the saturation by 10% instead.


 43, 26.470,
197.824


 43, 26.470,
197.824


 100, 26.470,
197.824

 33, 26.470,
197.824

 63, 26.470,
197.824


 23, 26.470,
197.824

 73, 26.470,
197.824

 13, 26.470,
197.824

 83, 26.470,
197.824

 3, 26.470, 197.824

 93, 26.470,
197.824

 0, 26.470, 197.824

 43, 26.470,

 43, 26.470,

197.824

197.824

■ 43, 27.199,
197.857

■ 43, 25.359,
197.840

■ 43, 27.325,
197.863

■ 44, 23.709,
197.931

■ 44, 21.514,
198.096

■ 44, 18.794,
198.332

■ 45, 15.592,
198.634

■ 46, 11.964,
199.000

■ 46, 7.977, 199.426

■ 47, 3.697, 199.935

Harmonies

Complementary

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



43, 26.470, 197.824



23, 50.726, 35.388

Rectangle

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



43, 26.470, 197.824



43, 26.470, 247.824



43, 26.470, 17.824



43, 26.470, 67.824

Sweetspot

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



43, 26.470, 197.823



58, 13.696, 199.063



42, 62.757, 136.801



30, 9.141, 198.960



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, 26.470, 197.823



55, 32.927, 197.901



27, 33.797, 277.230



23, 2.486, 199.891



45, 28.287, 197.871



88, 48.273, 197.957

Inverse Universe

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



27, 60.580, 328.426



35, 76.410, 328.622



32, 41.525, 64.182



22, 4.552, 325.150



28, 65.633, 328.614



58, 112.045, 328.636

Previews

White Background



This preview shows how the CIE LCh color 43, 26.470, 197.824 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, 26.470, 197.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

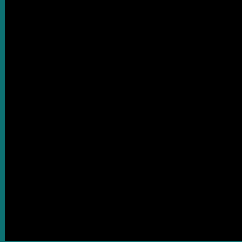
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.470, 197.824

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.470, 197.824.



This preview shows how white text looks on a background with the CIELCh color 43, 26.470, 197.824.

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, 26.470, 197.824

Protanopia

43, 3.013, 290.629

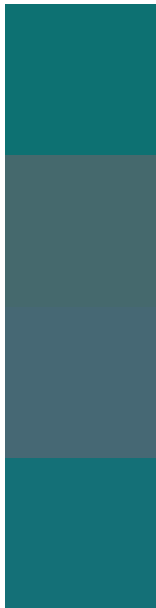
Deuteranopia

43, 10.995, 299.887



Tritanopia
43, 24.661, 209.685

Trichromacy



Original Color
43, 26.470, 197.824

Protanomaly
42, 13.307, 208.469

Deuteranomaly
42, 13.827, 230.096

Tritanomaly
43, 25.053, 206.552

Monochromacy



Original Color
43, 26.470, 197.824

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 13.493, 197.692

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.470, 197.824 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(13, 113, 114)` looks like.

```
.text, #text, p{  
    color:rgb(13, 113, 114)  
}
```

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(13, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 113, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.470, 197.824 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(13, 113, 114) }
```

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

```
.border{ border-color:rgb(13, 113, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 113, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(13, 113,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.470, 197.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 113, 114) }
```

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

```
.background{ background-color: rgb(13, 113,  
114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor