

Converting Colors

CIELCh(43, 26.869, 202.287)

Have a look what the booklet for
CIELCh(43, 26.869, 202.287)
contains.

CIELCh(43, 26.769, 203.075)	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, 26.769, 203.075)

Conversions

Conversions Part 1

Format	Color
Hex	017176
RGB	1, 113, 118
RGB Percent	0%, 44%, 46%
CMY	0.9947, 0.5564, 0.5368
CMYK	0.99, 0.04, 0.00, 0.54
HSL	183°, 98%, 23%
HSV	183°, 99%, 46%
XYZ	9.2133, 13.1578, 19.2324
YIQ	80.0820, -68.3570, -22.1890

Conversions

Conversions Part 2

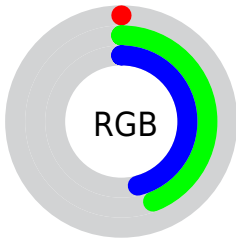
Format	Color
R_YB	1, 58, 118
Decimal	94582
CIE Lab	43.00, -24.63, -10.49
CIE LCh	43, 26.769, 203.075
Yxy	13.1578, 0.2215, 0.3163
Android (android.graphics.Color)	4278284662 (0xFF017176)
YUV	80.0820, 18.6936, -69.3549
Hunter-Lab	36.2736, -18.1408, -6.0442

Details

The CIELCh color **43, 26.769, 203.075** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24, 56.217, 38.399**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 26.755, 203.267**, and **24, 17.952, 209.645** is the 20% darker color. If you saturate the color by 10%, you get **43, 26.839, 203.127**, and if you desaturate by 10%, it is **43, 26.146, 202.607**.

Distribution



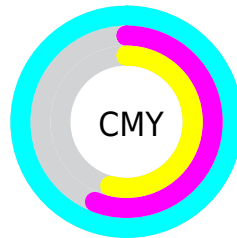
- Red (0%)
- Green (44%)
- Blue (46%)



- Red (0%)
- Yellow (23%)
- Blue (46%)



- Cyan (99%)
- Magenta (4%)
- Yellow (0%)
- Black (54%)





- Cyan (99%)
- Magenta (56%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 26.769, 203.075 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, 26.769, 203.075 by changing the saturation by 10% instead.


 43, 26.769,
203.075


 43, 26.769,
203.075


 100, 26.769,
203.075


 33, 26.769,
203.075

 63, 26.769,
203.075


 23, 26.769,
203.075

 73, 26.769,
203.075

 13, 26.769,
203.075

 83, 26.769,
203.075

 3, 26.769, 203.075

 93, 26.769,
203.075

 0, 26.769, 203.075

 43, 26.769,

 43, 26.769,

203.075

■ 43, 26.839,
203.127

203.075

■ 43, 26.146,
202.607

■ 44, 25.147,
202.236

■ 44, 23.596,
202.002

■ 45, 21.486,
201.895

■ 45, 18.839,
201.904

■ 46, 15.700,
202.016

■ 47, 12.128,
202.220

■ 48, 8.189, 202.506

Harmonies

Complementary

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



43, 26.769, 203.075



24, 56.217, 38.399

Rectangle

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



43, 26.769, 203.075



43, 26.769, 253.075



43, 26.769, 23.075



43, 26.769, 73.075

Sweetspot

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



43, 26.768, 203.074



60, 15.480, 202.175



43, 66.753, 136.543



30, 10.366, 202.104



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 26.768, 203.074



55, 32.329, 203.305



24, 41.454, 284.902



24, 2.496, 202.880



44, 27.526, 203.153



86, 46.536, 203.553

Inverse Universe

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



27, 63.108, 329.911



36, 76.360, 329.983



33, 46.854, 65.114



23, 4.621, 326.061



28, 64.991, 329.946



59, 109.987, 330.045

Previews

White Background



This preview shows how the CIE LCh color 43, 26.769, 203.075 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, 26.769, 203.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

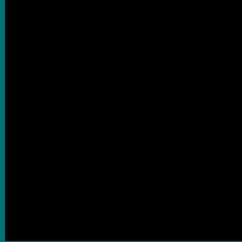
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.769, 203.075

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.769, 203.075.

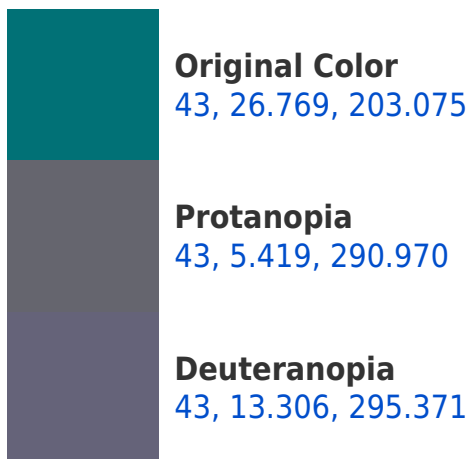



This preview shows how white text looks on a background with the CIELCh color 43, 26.769, 203.075.

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](#).

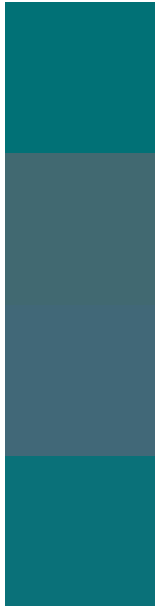
Dichromacy





Tritanopia
43, 25.592, 209.114

Trichromacy



Original Color
43, 26.769, 203.075

Protanomaly
42, 14.759, 217.174

Deuteranomaly
42, 16.096, 235.434

Tritanomaly
43, 25.981, 207.494

Monochromacy



Original Color
43, 26.769, 203.075

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 14.873, 202.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.769, 203.075 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, 113, 118)` looks like.

```
.text, #text, p{  
    color:rgb(1, 113, 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(1, 113, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 113, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.769, 203.075 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, 113, 118) }
```

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

```
.border{ border-color:rgb(1, 113, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 113, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 113, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 113, 118);  
box-shadow:4px 4px 4px 4px rgb(1, 113,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.769, 203.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 113, 118) }
```

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

```
.background{ background-color: rgb(1, 113,  
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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