

Converting Colors

CIELCh(43, 30.123, 183.852)

Have a look what the booklet for
CIELCh(43, 30.123, 183.852)
contains.

CIELCh(43, 30.300, 183.339)	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, 30.300, 183.339)

Conversions

Conversions Part 1

Format	Color
Hex	007368
RGB	0, 115, 104
RGB Percent	0%, 45%, 41%
CMY	1.0000, 0.5505, 0.5936
CMYK	1.00, 0.00, 0.10, 0.55
HSL	174°, 100%, 22%
HSV	174°, 100%, 45%
XYZ	8.5533, 13.1578, 15.0852
YIQ	79.3610, -65.0090, -27.8010

Conversions

Conversions Part 2

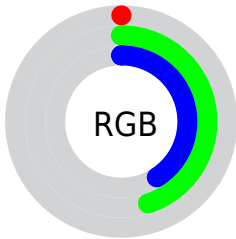
Format	Color
RYB	0, 60, 115
Decimal	29544
CIELab	43.00, -30.25, -1.76
CIELCh	43, 30.300, 183.339
Yxy	13.1578, 0.2324, 0.3576
Android (android.graphics.Color)	4278219624 (0xFF007368)
YUV	79.3610, 12.1470, -69.5996
Hunter-Lab	36.2736, -21.3889, 0.7344

Details

The CIELCh color **43, 30.300, 183.339** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22, 53.480, 33.438**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 30.586, 182.963**, and **24, 21.378, 179.648** is the 20% darker color. If you saturate the color by 10%, you get **43, 30.232, 183.317**, and if you desaturate by 10%, it is **43, 29.153, 184.299**.

Distribution



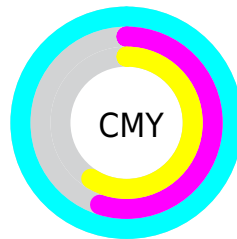
- Red (0%)
- Green (45%)
- Blue (41%)



- Red (0%)
- Yellow (24%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (55%)





- Cyan (100%)
- Magenta (55%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 30.300, 183.339 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, 30.300, 183.339 by changing the saturation by 10% instead.


 43, 30.300,
183.339


 43, 30.300,
183.339


 100, 30.300,
183.339


 33, 30.300,
183.339

 63, 30.300,
183.339


 23, 30.300,
183.339

 73, 30.300,
183.339

 13, 30.300,
183.339

 83, 30.300,
183.339

 3, 30.300, 183.339

 93, 30.300,
183.339

 0, 30.300, 183.339

 43, 30.300,

 43, 30.300,

183.339

183.339

■ 43, 30.232,
183.317

■ 43, 29.153,
184.299

■ 43, 27.769,
185.258

■ 44, 25.853,
186.149

■ 44, 23.400,
186.987

■ 44, 20.436,
187.787

■ 45, 17.009,
188.561

■ 46, 13.182,
189.319

■ 46, 9.025, 190.070

Harmonies

Complementary

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



43, 30.300, 183.339



22, 53.480, 33.438

Rectangle

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



43, 30.300, 183.339



43, 30.300, 233.339



43, 30.300, 3.339



43, 30.300, 53.339

Sweetspot

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



43, 30.232, 183.317



58, 16.209, 189.262



42, 65.718, 135.282



29, 10.878, 189.020



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, 30.232, 183.317



55, 36.437, 183.017



28, 31.588, 269.995



23, 2.552, 190.921



45, 31.229, 183.260



88, 53.647, 182.578

Inverse Universe

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



22, 53.480, 33.438



30, 65.607, 35.238



28, 48.465, 54.431



22, 2.667, 12.106



24, 55.480, 33.870



52, 98.058, 36.834

Previews

White Background



This preview shows how the CIELCh color 43, 30.300, 183.339 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, 30.300, 183.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

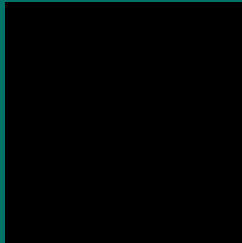
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 30.300, 183.339

Background



This preview shows how black text looks on a background with the CIELCh color 43, 30.300, 183.339.



This preview shows how white text looks on a background with the CIELCh color 43, 30.300, 183.339.

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, 30.300, 183.339

Protanopia

43, 3.246, 86.692

Deuteranopia

43, 7.084, 330.457



Tritanopia
43, 23.938, 210.149

Trichromacy



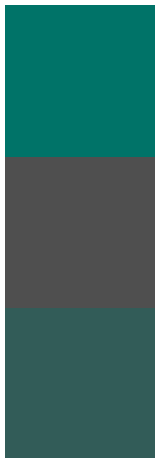
Original Color
43, 30.300, 183.339

Protanomaly
42, 15.841, 181.926

Deuteranomaly
42, 12.996, 203.288

Tritanomaly
43, 25.904, 199.274

Monochromacy



Original Color
43, 30.300, 183.339

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 15.922, 188.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 30.300, 183.339 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(0, 115, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 104)  
}
```

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(0, 115, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 30.300, 183.339 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(0, 115, 104) }
```

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

```
.border{ border-color:rgb(0, 115, 104) }
```

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

Here you see how a box with a 4 pixel rgb(0, 115, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 30.300, 183.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 104) }
```

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

```
.background{ background-color: rgb(0, 115,  
104) }
```

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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