

Converting Colors

CIELCh(41, 51.152, 183.789)

Have a look what the booklet for
CIELCh(41, 51.152, 183.789)
contains.

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Color

CIELCh(43, 31.637, 179.269)

Conversions

Conversions Part 1

Format	Color
Hex	007364
RGB	0, 115, 100
RGB Percent	0%, 45%, 39%
CMY	1.0000, 0.5491, 0.6078
CMYK	1.00, 0.00, 0.13, 0.55
HSL	172°, 100%, 23%
HSV	172°, 100%, 45%
XYZ	8.3955, 13.1578, 14.1567
YIQ	78.9050, -63.7250, -29.0450

Conversions

Conversions Part 2

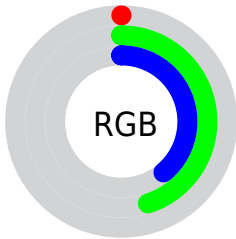
Format	Color
RYB	0, 62, 115
Decimal	29540
CIELab	43.00, -31.63, 0.40
CIELCh	43, 31.637, 179.269
Yxy	13.1578, 0.2351, 0.3685
Android (android.graphics.Color)	4278219620 (0xFF007364)
YUV	78.9050, 10.3998, -69.1997
Hunter-Lab	36.2736, -22.1650, 2.2521

Details

The CIELCh color **43, 31.637, 179.269** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23, 52.702, 31.733**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 31.580, 179.098**, and **24, 22.448, 174.948** is the 20% darker color. If you saturate the color by 10%, you get **43, 31.460, 179.193**, and if you desaturate by 10%, it is **43, 30.220, 180.409**.

Distribution



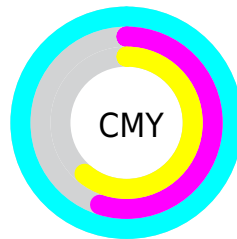
- Red (0%)
- Green (45%)
- Blue (39%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (55%)





- Cyan (100%)
- Magenta (55%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 31.637, 179.269 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, 31.637, 179.269 by changing the saturation by 10% instead.


 43, 31.637,
179.269


 43, 31.637,
179.269


 100, 31.637,
179.269


 33, 31.637,
179.269

 63, 31.637,
179.269


 23, 31.637,
179.269

 73, 31.637,
179.269

 13, 31.637,
179.269

 83, 31.637,
179.269

 3, 31.637, 179.269

 93, 31.637,
179.269

 0, 31.637, 179.269

 43, 31.637,

 43, 31.637,

179.269

179.269

■ 43, 31.460,
179.193

■ 43, 30.220,
180.409

■ 43, 28.680,
181.594

■ 44, 26.610,
182.679

■ 44, 24.009,
183.682

■ 45, 20.907,
184.620

■ 45, 17.354,
185.509

■ 46, 13.416,
186.361

■ 47, 9.164, 187.190

Harmonies

Complementary

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



43, 31.637, 179.269



23, 52.702, 31.733

Rectangle

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



43, 31.637, 179.269



43, 31.637, 229.269



43, 31.637, 359.269



43, 31.637, 49.269

Sweetspot

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



43, 31.460, 179.193



59, 16.687, 186.295



42, 65.611, 134.993



30, 11.364, 186.012



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, 31.460, 179.193



56, 38.359, 178.797



29, 29.763, 265.104



24, 2.676, 188.102



46, 32.934, 179.092



89, 56.300, 178.260

Inverse Universe

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



23, 52.702, 31.733



31, 65.067, 33.337



28, 49.278, 52.095



23, 2.788, 9.390



24, 55.395, 32.231



52, 96.841, 35.111

Previews

White Background



This preview shows how the CIE LCh color 43, 31.637, 179.269 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, 31.637, 179.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

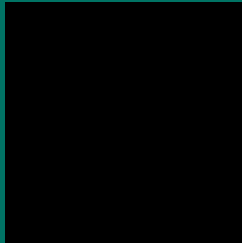
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 31.637, 179.269

Background



This preview shows how black text looks on a background with the CIELCh color 43, 31.637, 179.269.

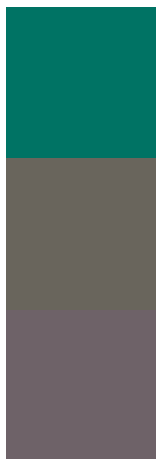


This preview shows how white text looks on a background with the CIELCh color 43, 31.637, 179.269.

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, 31.478, 179.153

Protanopia

43, 5.655, 91.667

Deuteranopia

43, 6.173, 344.474



Tritanopia
43, 23.666, 210.331

Trichromacy



Original Color
43, 31.478, 179.153

Protanomaly
42, 16.624, 173.747

Deuteranomaly
42, 12.864, 195.156

Tritanomaly
43, 25.986, 196.544

Monochromacy



Original Color
43, 31.478, 179.153

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 16.127, 186.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 31.637, 179.269 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 31.637, 179.269 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, 100) }
```

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

```
.border{ border-color:rgb(0, 115, 100) }
```

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, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 31.637, 179.269 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, 100) }
```

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

```
.background{ background-color: rgb(0, 115,  
100) }
```

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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