

Converting Colors

CIELCh(61, 39.754, 182.616)

Have a look what the booklet for
CIELCh(61, 39.754, 182.616)
contains.

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Color

CIELCh(61, 39.570, 182.765)

Conversions

Conversions Part 1

Format	Color
Hex	02A595
RGB	2, 165, 149
RGB Percent	1%, 65%, 58%
CMY	0.9936, 0.3514, 0.4142
CMYK	0.99, 0.00, 0.10, 0.35
HSL	174°, 98%, 33%
HSV	174°, 99%, 65%
XYZ	19.0037, 29.2481, 33.2398
YIQ	114.4390, -92.0120, -39.5320

Conversions

Conversions Part 2

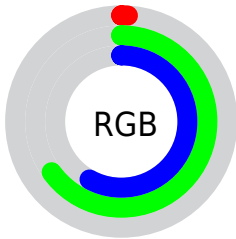
Format	Color
RYB	2, 88, 165
Decimal	173461
CIELab	61.00, -39.52, -1.91
CIELCh	61, 39.570, 182.765
Yxy	29.2481, 0.2332, 0.3589
Android (android.graphics.Color)	4278363541 (0xFF02A595)
YUV	114.4390, 17.0386, -98.6090
Hunter-Lab	54.0815, -31.9196, 1.4161

Details

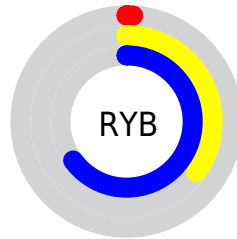
The CIELCh color **61, 39.570, 182.765** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **34, 70.965, 35.233**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **81, 39.608, 182.585**, and **42, 30.690, 179.829** is the 20% darker color. If you saturate the color by 10%, you get **61, 39.678, 182.657**, and if you desaturate by 10%, it is **61, 38.411, 183.858**.

Distribution



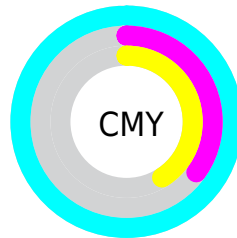
- Red (1%)
- Green (65%)
- Blue (58%)



- Red (1%)
- Yellow (35%)
- Blue (65%)



- Cyan (99%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)





- Cyan (99%)
- Magenta (35%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 39.570, 182.765 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 61, 39.570, 182.765 by changing the saturation by 10% instead.


 61, 39.570,
182.765


 61, 39.570,
182.765


 100, 39.570,
182.765


 51, 39.570,
182.765


 81, 39.570,
182.765

 41, 39.570,
182.765

 91, 39.570,
182.765

 31, 39.570,
182.765

 21, 39.570,
182.765

 11, 39.570,
182.765

 1, 39.570, 182.765

 0, 39.570, 182.765

■ 61, 39.570,
182.765

■ 61, 39.570,
182.765

■ 61, 39.678,
182.657

■ 61, 38.411,
183.858

■ 61, 36.665,
184.881

■ 62, 34.181,
185.826

■ 62, 30.946,
186.709

■ 63, 26.992,
187.549

■ 64, 22.388,
188.358

■ 65, 17.223,
189.148

■ 66, 11.598,

189.931

■ 67, 5.615, 190.733

Harmonies

Complementary

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



61, 39.570, 182.765



34, 70.965, 35.233

Rectangle

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



61, 39.570, 182.765



61, 39.570, 232.765



61, 39.570, 2.765



61, 39.570, 52.765

Sweetspot

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



61, 39.570, 182.764



81, 21.879, 189.028



59, 85.757, 135.536



42, 14.707, 188.714



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 39.570, 182.764



77, 48.193, 182.431



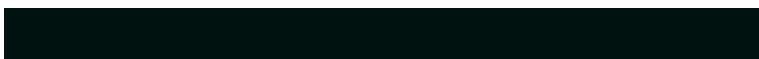
41, 41.973, 271.441



34, 3.486, 190.712



54, 36.047, 182.790



4, 5.568, 189.026

Inverse Universe

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



34, 70.965, 35.233



45, 87.506, 36.391



41, 63.956, 53.576



32, 3.654, 12.007



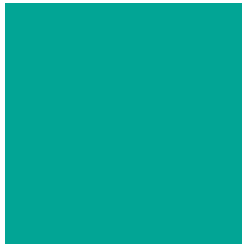
30, 64.648, 35.060



1, 5.518, 12.076

Previews

White Background



This preview shows how the CIE LCh color 61, 39.570, 182.765 looks on a white 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

Black Background



This preview shows how the CIELCh color 61, 39.570, 182.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

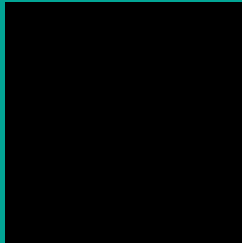
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 39.570, 182.765

Background



This preview shows how black text looks on a background with the CIELCh color 61, 39.570, 182.765.

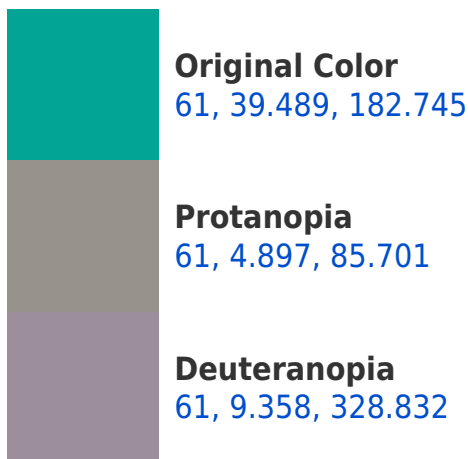


This preview shows how white text looks on a background with the CIELCh color 61, 39.570, 182.765.

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
61, 31.749, 210.374

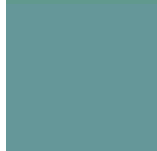
Trichromacy



Original Color
61, 39.489, 182.745



Protanomaly
59, 21.022, 180.154



Deuteranomaly
59, 17.337, 201.633



Tritanomaly
61, 34.060, 199.436

Monochromacy



Original Color
61, 39.489, 182.745



Achromatopsia
48, 0.006, 296.813



Achromatomaly
52, 20.792, 189.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 39.570, 182.765 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(2, 165, 149)` looks like.

```
.text, #text, p{  
    color:rgb(2, 165, 149)  
}
```

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(2, 165, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 165, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 39.570, 182.765 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(2, 165, 149) }
```

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

```
.border{ border-color:rgb(2, 165, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 165, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 165, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 165, 149);  
box-shadow:4px 4px 4px 4px rgb(2, 165,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 39.570, 182.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 165, 149) }
```

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

```
.background{ background-color: rgb(2, 165,  
149) }
```

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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