

Converting Colors

CIELCh(61, 39.499, 171.595)

Have a look what the booklet for
CIELCh(61, 39.499, 171.595)
contains.

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Color

CIELCh(61, 39.618, 171.634)

Conversions

Conversions Part 1

Format	Color
Hex	30A588
RGB	48, 165, 136
RGB Percent	19%, 65%, 53%
CMY	0.8126, 0.3536, 0.4673
CMYK	0.71, 0.00, 0.18, 0.35
HSL	165°, 55%, 42%
HSV	165°, 71%, 65%
XYZ	19.0676, 29.2481, 27.8755
YIQ	126.7110, -60.4230, -33.8230

Conversions

Conversions Part 2

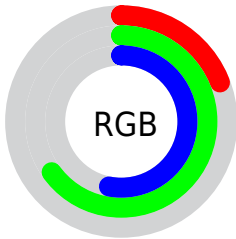
Format	Color
RYB	48, 115, 165
Decimal	3188104
CIELab	61.00, -39.20, 5.76
CIELCh	61, 39.618, 171.634
Yxy	29.2481, 0.2503, 0.3839
Android (android.graphics.Color)	4281378184 (0xFF30A588)
YUV	126.7110, 4.5795, -69.0295
Hunter-Lab	54.0815, -31.7086, 7.2969

Details

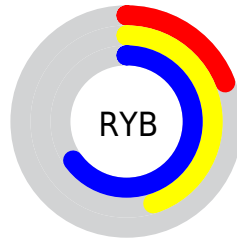
The CIELCh color **61, 39.618, 171.634** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **39, 50.811, 12.059**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 39.871, 171.344**, and **42, 34.860, 168.679** is the 20% darker color. If you saturate the color by 10%, you get **61, 42.953, 170.002**, and if you desaturate by 10%, it is **62, 35.580, 173.099**.

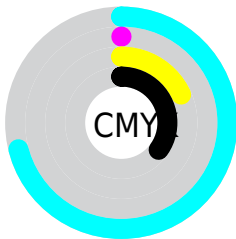
Distribution



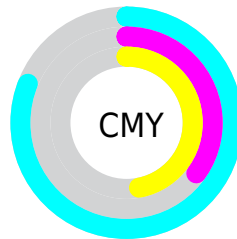
- Red (19%)
- Green (65%)
- Blue (53%)



- Red (19%)
- Yellow (45%)
- Blue (65%)



- Cyan (71%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)





- Cyan (81%)
- Magenta (35%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 39.618, 171.634 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, 39.618, 171.634 by changing the saturation by 10% instead.


 61, 39.618,
171.634


 61, 39.618,
171.634


 100, 39.618,
171.634


 51, 39.618,
171.634


 81, 39.618,
171.634

 41, 39.618,
171.634

 91, 39.618,
171.634

 31, 39.618,
171.634

 21, 39.618,
171.634

 11, 39.618,
171.634

 1, 39.618, 171.634

 0, 39.618, 171.634

■ 61, 39.618,
171.634

■ 61, 39.618,
171.634

■ 61, 42.953,
170.002

■ 62, 35.580,
173.099

■ 60, 45.593,
168.191

■ 62, 30.878,
174.423

■ 60, 47.549,
166.474

■ 63, 25.593,
175.628

■ 64, 19.823,
176.736

■ 65, 13.677,
177.769

■ 66, 7.260, 178.753

■ 68, 0.668, 180.238

■ 69, 6.018, 0.381

Harmonies

Complementary

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



61, 39.618, 171.634



39, 50.811, 12.059

Rectangle

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



61, 39.618, 171.634



61, 39.618, 221.634



61, 39.618, 351.634



61, 39.618, 41.634

Sweetspot

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



61, 39.618, 171.633



82, 16.910, 177.731



60, 69.298, 133.580



43, 11.376, 177.468



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, 39.618, 171.633



77, 54.082, 169.019



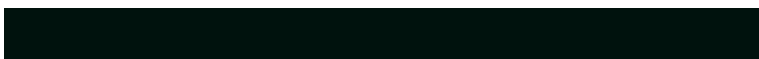
53, 28.162, 235.023



34, 3.706, 178.925



53, 43.215, 166.707



4, 5.994, 175.887

Inverse Universe

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



39, 50.811, 12.059



47, 71.888, 18.365



44, 48.158, 44.919



32, 3.824, 0.483



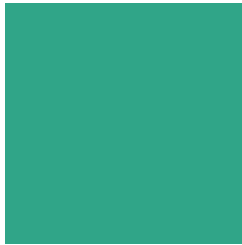
30, 58.847, 24.472



1, 5.770, 1.406

Previews

White Background



This preview shows how the CIELCh color 61, 39.618, 171.634 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, 39.618, 171.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

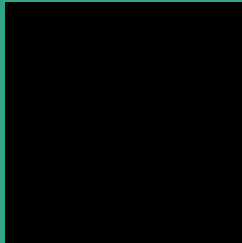
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 39.618, 171.634

Background



This preview shows how black text looks on a background with the CIELCh color 61, 39.618, 171.634.

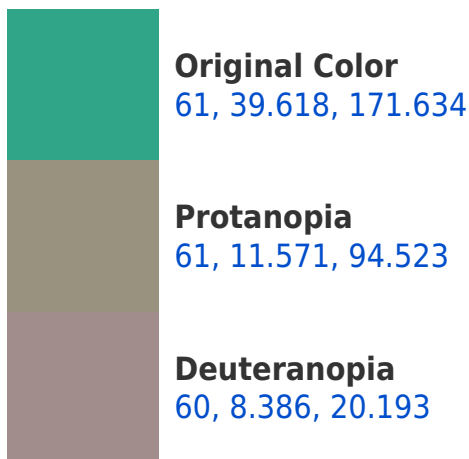


This preview shows how white text looks on a background with the CIELCh color 61, 39.618, 171.634.

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, 27.884, 212.587

Trichromacy



Original Color

61, 39.618, 171.634



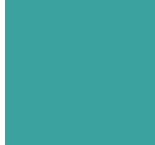
Protanomaly

60, 19.644, 156.373



Deuteranomaly

60, 13.045, 169.695



Tritanomaly

61, 30.666, 193.581

Monochromacy



Original Color

61, 39.618, 171.634



Achromatopsia

53, 0.007, 296.813



Achromatomaly

55, 17.284, 176.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 39.618, 171.634 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(48, 165, 136)` looks like.

```
.text, #text, p{  
    color:rgb(48, 165, 136)  
}
```

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(48, 165, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 165, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 39.618, 171.634 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(48, 165, 136) }
```

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

```
.border{ border-color:rgb(48, 165, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 165, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 165, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 165, 136);  
box-shadow:4px 4px 4px 4px rgb(48, 165,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 39.618, 171.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 165, 136) }
```

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

```
.background{ background-color: rgb(48, 165,  
136) }
```

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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