

Converting Colors

CIELCh(61, 39.254, 177.554)

Have a look what the booklet for
CIELCh(61, 39.254, 177.554)
contains.

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Color

CIELCh(61, 39.254, 177.554)

Conversions

Conversions Part 1

Format	Color
Hex	21A58F
RGB	33, 165, 143
RGB Percent	13%, 65%, 56%
CMY	0.8700, 0.3526, 0.4389
CMYK	0.80, 0.00, 0.13, 0.35
HSL	170°, 67%, 39%
HSV	170°, 80%, 65%
XYZ	19.0634, 29.2481, 30.6558
YIQ	123.0240, -71.6100, -34.8260

Conversions

Conversions Part 2

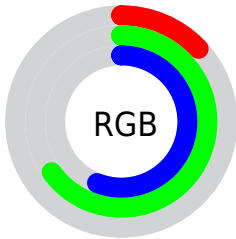
Format	Color
R_{YB}	33, 105, 165
Decimal	2205071
CIE _{Lab}	61.00, -39.22, 1.68
CIE _{LCh}	61, 39.254, 177.554
Y _{xy}	29.2481, 0.2414, 0.3704
Android (android.graphics.Color)	4280395151 (0xFF21A58F)
Y _{UV}	123.0240, 9.8482, -78.9510
Hunter-Lab	54.0815, -31.7226, 4.2489

Details

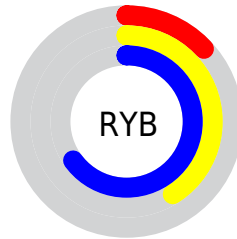
The CIELCh color **61, 39.254, 177.554** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **37, 57.422, 21.907**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 39.311, 177.649**, and **42, 32.317, 174.852** is the 20% darker color. If you saturate the color by 10%, you get **61, 41.378, 176.083**, and if you desaturate by 10%, it is **61, 36.412, 178.883**.

Distribution



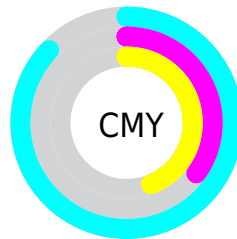
- Red (13%)
- Green (65%)
- Blue (56%)



- Red (13%)
- Yellow (41%)
- Blue (65%)



- Cyan (80%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)





- Cyan (87%)
- Magenta (35%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 39.254, 177.554 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, 39.254, 177.554 by changing the saturation by 10% instead.


 61, 39.254,
177.554


 61, 39.254,
177.554


 100, 39.254,
177.554


 51, 39.254,
177.554


 81, 39.254,
177.554

 41, 39.254,
177.554

 91, 39.254,
177.554

 31, 39.254,
177.554

 21, 39.254,
177.554

 11, 39.254,
177.554

 1, 39.254, 177.554

 0, 39.254, 177.554

■ 61, 39.254,
177.554

■ 61, 39.254,
177.554

■ 61, 41.378,
176.083

■ 61, 36.412,
178.883

■ 61, 42.968,
174.512

■ 62, 32.840,
180.093

■ 61, 42.980,
174.501

■ 63, 28.577,
181.204

■ 63, 23.694,
182.237

■ 64, 18.287,
183.208

■ 65, 12.460,
184.137

■ 66, 6.315, 185.049

■ 68, 0.051, 357.039

Harmonies

Complementary

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



61, 39.254, 177.554



37, 57.422, 21.907

Rectangle

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



61, 39.254, 177.554



61, 39.254, 227.554



61, 39.254, 357.554



61, 39.254, 47.554

Sweetspot

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



61, 39.254, 177.553



82, 18.373, 183.722



60, 76.692, 134.696



43, 12.499, 183.407



93, 0.011, 296.813



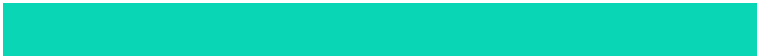
45, 0.006, 296.813

Same Dimension

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



61, 39.254, 177.553



77, 51.699, 174.829



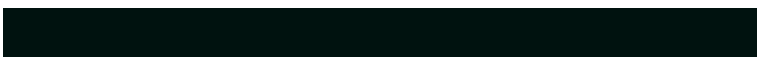
49, 31.646, 249.566



34, 3.569, 185.111



54, 39.064, 174.692



4, 5.733, 182.526

Inverse Universe

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



37, 57.422, 21.907



45, 81.371, 30.453



43, 53.776, 49.908



32, 3.713, 6.573



30, 61.844, 30.742



1, 5.610, 7.048

Previews

White Background



This preview shows how the CIELCh color 61, 39.254, 177.554 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, 39.254, 177.554 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, 39.254, 177.554

Background



This preview shows how black text looks on a background with the CIELCh color 61, 39.254, 177.554.

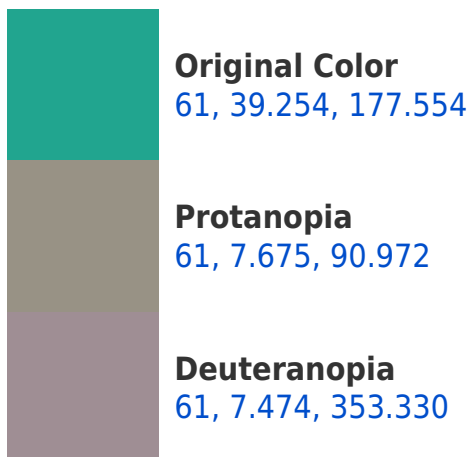


This preview shows how white text looks on a background with the CIELCh color 61, 39.254, 177.554.

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, 30.017, 211.303

Trichromacy



Original Color
61, 39.254, 177.554



Protanomaly
60, 18.846, 168.966



Deuteranomaly
59, 13.757, 188.618



Tritanomaly
61, 32.105, 197.702

Monochromacy



Original Color
61, 39.254, 177.554



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 18.143, 182.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 39.254, 177.554 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(33, 165, 143)` looks like.

```
.text, #text, p{  
    color:rgb(33, 165, 143)  
}
```

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(33, 165, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 165, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 39.254, 177.554 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(33, 165, 143) }
```

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

```
.border{ border-color:rgb(33, 165, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 165, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 165, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 165, 143);  
box-shadow:4px 4px 4px 4px rgb(33, 165,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 39.254, 177.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 165, 143) }
```

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

```
.background{ background-color: rgb(33, 165,  
143) }
```

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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