

Converting Colors

CIELCh(61, 36.950, 177.340)

Have a look what the booklet for
CIELCh(61, 36.950, 177.340)
contains.

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Color

CIELCh(61, 36.807, 177.395)

Conversions

Conversions Part 1

Format	Color
Hex	31A48F
RGB	49, 164, 143
RGB Percent	19%, 64%, 56%
CMY	0.8071, 0.3563, 0.4387
CMYK	0.70, 0.00, 0.13, 0.36
HSL	169°, 54%, 42%
HSV	169°, 70%, 64%
XYZ	19.5460, 29.2481, 30.6575
YIQ	127.2210, -61.7990, -30.9110

Conversions

Conversions Part 2

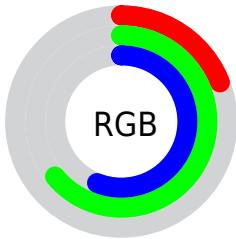
Format	Color
R_{YB}	49, 112, 164
Decimal	3253391
CIE _{Lab}	61.00, -36.77, 1.67
CIE _{LCh}	61, 36.807, 177.395
Yxy	29.2481, 0.2460, 0.3681
Android (android.graphics.Color)	4281443471 (0xFF31A48F)
YUV	127.2210, 7.7790, -68.5998
Hunter-Lab	54.0815, -30.1298, 4.2471

Details

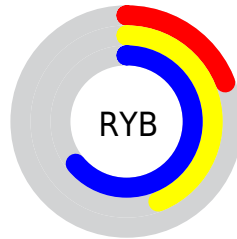
The CIELCh color **61, 36.807, 177.395** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **39, 50.557, 16.847**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 36.919, 177.403**, and **41, 31.822, 175.669** is the 20% darker color. If you saturate the color by 10%, you get **61, 39.739, 175.995**, and if you desaturate by 10%, it is **62, 33.154, 178.662**.

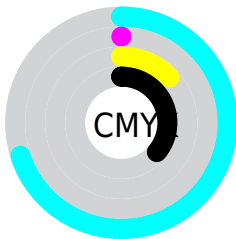
Distribution



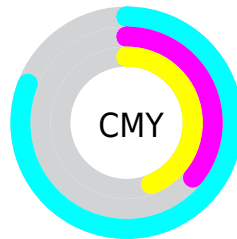
- Red (19%)
- Green (64%)
- Blue (56%)



- Red (19%)
- Yellow (44%)
- Blue (64%)



- Cyan (70%)
- Magenta (0%)
- Yellow (13%)
- Black (36%)





- Cyan (81%)
- Magenta (36%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 36.807, 177.395 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, 36.807, 177.395 by changing the saturation by 10% instead.


 61, 36.807,
177.395


 61, 36.807,
177.395


 100, 36.807,
177.395


 51, 36.807,
177.395


 81, 36.807,
177.395

 41, 36.807,
177.395

 91, 36.807,
177.395

 31, 36.807,
177.395

 21, 36.807,
177.395

 11, 36.807,
177.395

 1, 36.807, 177.395

 0, 36.807, 177.395

■ 61, 36.807,
177.395

■ 61, 36.807,
177.395

■ 61, 39.739,
175.995

■ 62, 33.154,
178.662

■ 60, 41.961,
174.447

■ 62, 28.820,
179.822

■ 60, 43.656,
172.799

■ 63, 23.878,
180.894

■ 64, 18.423,
181.898

■ 65, 12.560,
182.851

■ 66, 6.393, 183.782

■ 67, 0.016, 212.646

■ 69, 6.492, 5.330

Harmonies

Complementary

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



61, 36.807, 177.395



39, 50.557, 16.847

Rectangle

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



61, 36.807, 177.395



61, 36.807, 227.395



61, 36.807, 357.395



61, 36.807, 47.395

Sweetspot

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



61, 36.807, 177.394



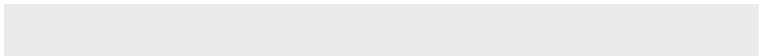
82, 16.312, 182.723



60, 69.545, 135.094



43, 10.963, 182.478



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, 36.807, 177.394



77, 50.049, 175.156



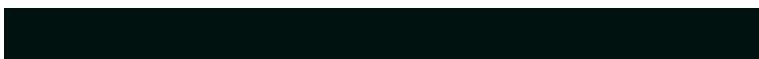
50, 28.901, 245.900



34, 3.593, 183.854



54, 39.839, 172.993



4, 5.779, 181.131

Inverse Universe

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



39, 50.557, 16.847



47, 73.162, 23.163



45, 45.788, 50.171



32, 3.731, 5.344



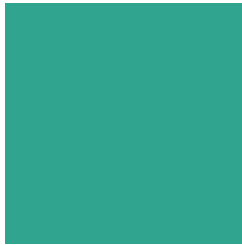
30, 61.208, 29.596



1, 5.637, 5.910

Previews

White Background



This preview shows how the CIE LCh color 61, 36.807, 177.395 looks on a white background.

Color Contrast Check

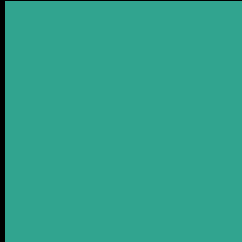
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.807, 177.395 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, 36.807, 177.395

Background



This preview shows how black text looks on a background with the CIELCh color 61, 36.807, 177.395.

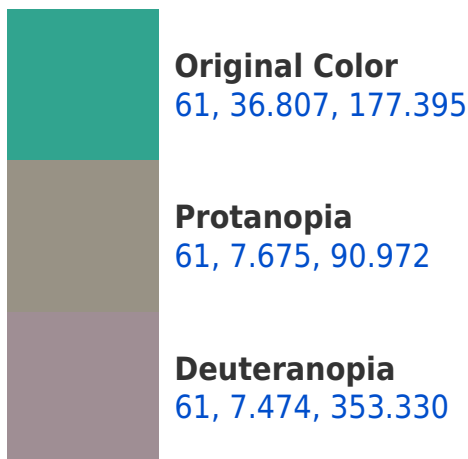


This preview shows how white text looks on a background with the CIELCh color 61, 36.807, 177.395.

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, 28.233, 212.367

Trichromacy



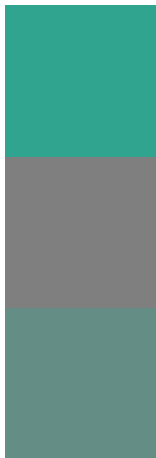
Original Color
61, 36.807, 177.395

Protanomaly
60, 17.057, 165.865

Deuteranomaly
60, 11.739, 187.179

Tritanomaly
61, 30.241, 196.828

Monochromacy



Original Color
61, 36.807, 177.395

Achromatopsia
53, 0.007, 296.813

Achromatomaly
55, 16.237, 181.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 36.807, 177.395 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(49, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(49, 164, 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(49, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 164, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 36.807, 177.395 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(49, 164, 143) }
```

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

```
.border{ border-color:rgb(49, 164, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 164, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 164, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 164, 143);  
box-shadow:4px 4px 4px 4px rgb(49, 164,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 36.807, 177.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 164, 143) }
```

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

```
.background{ background-color: rgb(49, 164,  
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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