

Converting Colors

CIELCh(61, 33.832, 182.174)

Have a look what the booklet for
CIELCh(61, 33.832, 182.174)
contains.

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Color

CIELCh(61, 33.874, 181.927)

Conversions

Conversions Part 1

Format	Color
Hex	38A394
RGB	56, 163, 148
RGB Percent	22%, 64%, 58%
CMY	0.7795, 0.3601, 0.4189
CMYK	0.66, 0.00, 0.09, 0.36
HSL	172°, 49%, 43%
HSV	172°, 66%, 64%
XYZ	20.1307, 29.2481, 32.6730
YIQ	129.2970, -58.9570, -27.3490

Conversions

Conversions Part 2

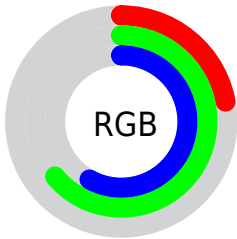
Format	Color
RYB	56, 114, 163
Decimal	3711892
CIELab	61.00, -33.85, -1.14
CIELCh	61, 33.874, 181.927
Yxy	29.2481, 0.2453, 0.3565
Android (android.graphics.Color)	4281901972 (0xFF38A394)
YUV	129.2970, 9.2206, -64.2815
Hunter-Lab	54.0815, -28.1998, 2.0374

Details

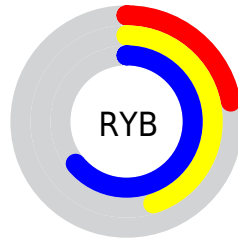
The CIELCh color **61, 33.874, 181.927** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **40, 47.695, 18.632**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 33.650, 182.302**, and **42, 30.529, 179.712** is the 20% darker color. If you saturate the color by 10%, you get **61, 36.844, 180.773**, and if you desaturate by 10%, it is **62, 30.183, 182.987**.

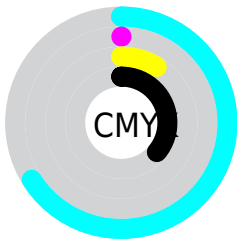
Distribution



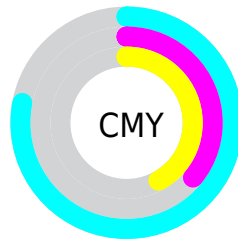
- Red (22%)
- Green (64%)
- Blue (58%)



- Red (22%)
- Yellow (45%)
- Blue (64%)



- Cyan (66%)
- Magenta (0%)
- Yellow (9%)
- Black (36%)





- Cyan (78%)
- Magenta (36%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 33.874, 181.927 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, 33.874, 181.927 by changing the saturation by 10% instead.


 61, 33.874,
181.927


 61, 33.874,
181.927


 100, 33.874,
181.927


 51, 33.874,
181.927


 81, 33.874,
181.927

 41, 33.874,
181.927

 91, 33.874,
181.927

 31, 33.874,
181.927

 21, 33.874,
181.927

 11, 33.874,
181.927

 1, 33.874, 181.927

 0, 33.874, 181.927

■ 61, 33.874,
181.927

■ 61, 33.874,
181.927

■ 61, 36.844,
180.773

■ 62, 30.183,
182.987

■ 60, 39.085,
179.508

■ 62, 25.823,
183.976

■ 60, 40.650,
178.119

■ 63, 20.874,
184.911

■ 60, 41.256,
177.496

■ 64, 15.433,
185.805

■ 65, 9.603, 186.676

■ 66, 3.483, 187.586

■ 68, 2.837, 8.100

■ 69, 9.280, 8.995

■ 71, 15.783, 9.782

Harmonies

Complementary

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



61, 33.874, 181.927



40, 47.695, 18.632

Rectangle

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



61, 33.874, 181.927



61, 33.874, 231.927



61, 33.874, 1.927



61, 33.874, 51.927

Sweetspot

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



61, 33.874, 181.926



82, 15.115, 186.258



60, 66.246, 136.054



43, 10.331, 186.025



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, 33.874, 181.926



77, 46.151, 180.167



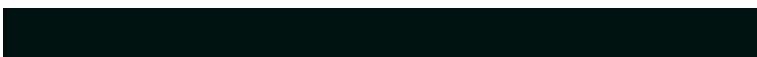
50, 28.231, 249.646



34, 3.533, 187.229



54, 37.839, 177.653



4, 5.662, 184.931

Inverse Universe

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



40, 47.695, 18.632



47, 70.228, 24.125



47, 41.604, 53.223



32, 3.686, 8.638



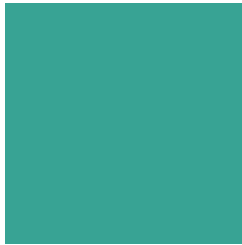
30, 62.922, 32.528



1, 5.570, 8.958

Previews

White Background



This preview shows how the CIE LCh color 61, 33.874, 181.927 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, 33.874, 181.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

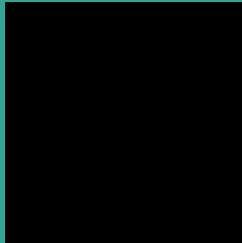
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 33.874, 181.927

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.874, 181.927.

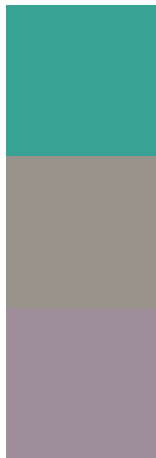


This preview shows how white text looks on a background with the CIELCh color 61, 33.874, 181.927.

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
61, 33.874, 181.927

Protanopia
61, 4.897, 85.701

Deuteranopia
61, 8.513, 333.558



Tritanopia
61, 27.706, 212.702

Trichromacy



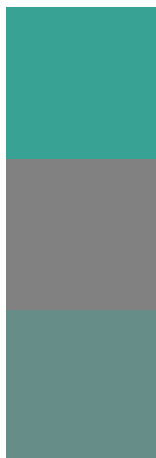
Original Color
61, 33.874, 181.927

Protanomaly
60, 14.326, 174.823

Deuteranomaly
60, 10.947, 201.408

Tritanomaly
61, 28.991, 200.327

Monochromacy



Original Color
61, 33.874, 181.927

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 14.351, 186.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.874, 181.927 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(56, 163, 148)` looks like.

```
.text, #text, p{  
    color:rgb(56, 163, 148)  
}
```

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(56, 163, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 163, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.874, 181.927 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(56, 163, 148) }
```

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

```
.border{ border-color:rgb(56, 163, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 163, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 163, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 163, 148);  
box-shadow:4px 4px 4px 4px rgb(56, 163,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.874, 181.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 163, 148) }
```

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

```
.background{ background-color: rgb(56, 163,  
148) }
```

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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