

Converting Colors

CIELCh(61, 35.016, 227.249)

Have a look what the booklet for
CIELCh(61, 35.016, 227.249)
contains.

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Color

CIELCh(61, 35.053, 227.357)

Conversions

Conversions Part 1

Format	Color
Hex	03A1C0
RGB	3, 161, 192
RGB Percent	1%, 63%, 75%
CMY	0.9874, 0.3693, 0.2477
CMYK	0.98, 0.16, 0.00, 0.25
HSL	190°, 97%, 38%
HSV	190°, 98%, 75%
XYZ	22.2494, 29.2481, 54.2392
YIQ	117.2920, -104.1190, -23.8550

Conversions

Conversions Part 2

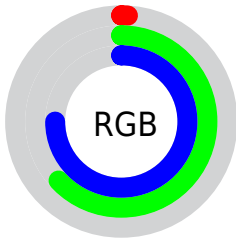
Format	Color
R _Y B	3, 89, 192
Decimal	238016
CIE Lab	61.00, -23.75, -25.78
CIE LCh	61, 35.053, 227.357
Yxy	29.2481, 0.2104, 0.2766
Android (android.graphics.Color)	4278428096 (0xFF03A1C0)
YUV	117.2920, 36.8310, -100.2341
Hunter-Lab	54.0815, -21.2071, -21.6057

Details

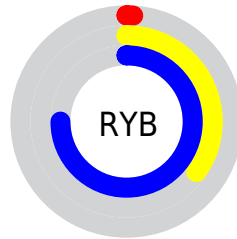
The CIELCh color **61, 35.053, 227.357** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **42, 80.163, 42.223**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 34.982, 226.944**, and **42, 27.907, 236.707** is the 20% darker color. If you saturate the color by 10%, you get **61, 35.147, 227.861**, and if you desaturate by 10%, it is **62, 34.408, 224.428**.

Distribution



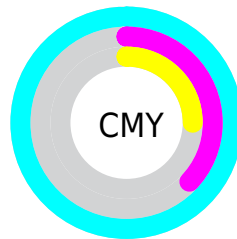
- Red (1%)
- Green (63%)
- Blue (75%)



- Red (1%)
- Yellow (35%)
- Blue (75%)



- Cyan (98%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)





- Cyan (99%)
- Magenta (37%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 35.053, 227.357 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, 35.053, 227.357 by changing the saturation by 10% instead.


 61, 35.053,
227.357


 61, 35.053,
227.357


 100, 35.053,
227.357


 51, 35.053,
227.357


 81, 35.053,
227.357

 41, 35.053,
227.357

 91, 35.053,
227.357

 31, 35.053,
227.357

 21, 35.053,
227.357

 11, 35.053,
227.357

 1, 35.053, 227.357

 0, 35.053, 227.357

■ 61, 35.053,
227.357

■ 61, 35.053,
227.357

■ 61, 35.147,
227.861

■ 62, 34.408,
224.428

■ 63, 33.168,
222.008

■ 65, 31.190,
220.094

■ 66, 28.440,
218.617

■ 68, 24.942,
217.508

■ 70, 20.759,
216.702

■ 72, 15.978,
216.142

■ 74, 10.692,

215.784

■ 76, 4.995, 215.620

Harmonies

Complementary

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



61, 35.053, 227.357



42, 80.163, 42.223

Rectangle

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



61, 35.053, 227.357



61, 35.053, 277.357



61, 35.053, 47.357



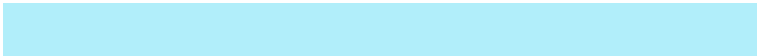
61, 35.053, 97.357

Sweetspot

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



61, 35.052, 227.357



91, 20.190, 216.195



68, 92.461, 137.760



47, 13.619, 216.419



99, 0.012, 296.813



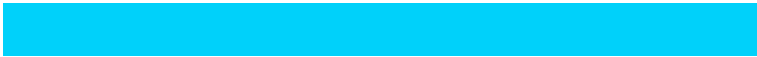
52, 0.007, 296.813

Same Dimension

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



61, 35.052, 227.357



78, 42.882, 228.439



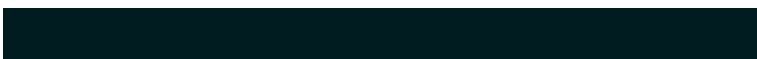
34, 75.681, 295.182



40, 3.420, 215.625



51, 30.819, 227.393



8, 10.577, 220.702

Inverse Universe

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



44, 81.872, 335.947



57, 99.878, 336.236



58, 66.082, 74.380



38, 6.450, 329.847



36, 72.054, 335.964



4, 20.732, 332.780

Previews

White Background



This preview shows how the CIE LCh color 61, 35.053, 227.357 looks on a white background.

Color Contrast Check

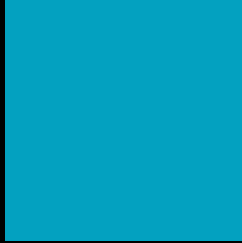
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.053, 227.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

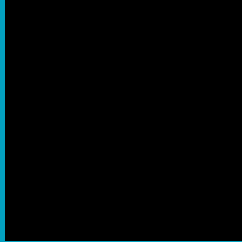
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 35.053, 227.357

Background



This preview shows how black text looks on a background with the CIELCh color 61, 35.053, 227.357.

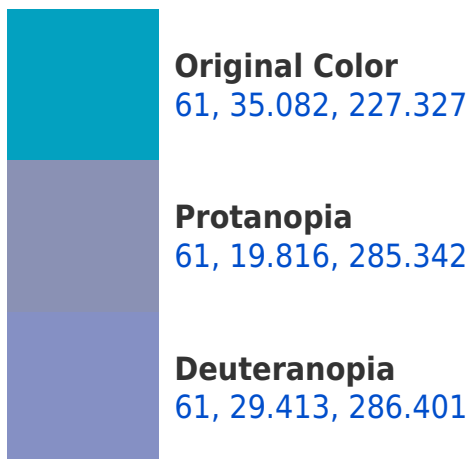


This preview shows how white text looks on a background with the CIELCh color 61, 35.053, 227.357.

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



Trichromacy

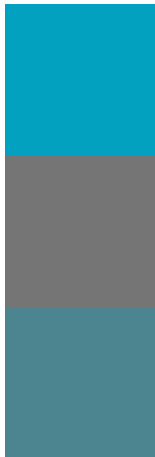


Original Color
61, 35.082, 227.327

Protanomaly
60, 25.653, 245.382

Deuteranomaly
60, 30.036, 255.047

Monochromacy



Original Color
61, 35.082, 227.327

Achromatopsia
49, 0.007, 296.813

Achromatomaly
52, 19.531, 216.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 35.053, 227.357 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(3, 161, 192)` looks like.

```
.text, #text, p{  
    color:rgb(3, 161, 192)  
}
```

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(3, 161, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 161, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 35.053, 227.357 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(3, 161, 192) }
```

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

```
.border{ border-color:rgb(3, 161, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 161, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 161, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 161, 192);  
box-shadow:4px 4px 4px 4px rgb(3, 161,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 35.053, 227.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 161, 192) }
```

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

```
.background{ background-color: rgb(3, 161,  
192) }
```

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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