

Converting Colors

CIELCh(63, 39.226, 241.441)

Have a look what the booklet for
CIELCh(63, 39.226, 241.441)
contains.

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Color

CIELCh(63, 39.071, 241.505)

Conversions

Conversions Part 1

Format	Color
Hex	00A5D5
RGB	0, 165, 213
RGB Percent	0%, 65%, 84%
CMY	1.0000, 0.3540, 0.1659
CMYK	1.00, 0.23, 0.00, 0.17
HSL	194°, 100%, 42%
HSV	194°, 100%, 83%
XYZ	25.3571, 31.5869, 67.5127
YIQ	121.1370, -113.7480, -20.0520

Conversions

Conversions Part 2

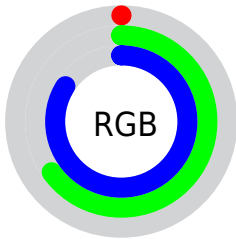
Format	Color
RYB	0, 93, 213
Decimal	42453
CIELab	63.00, -18.64, -34.34
CIELCh	63, 39.071, 241.505
Yxy	31.5869, 0.2037, 0.2538
Android (android.graphics.Color)	4278232533 (0xFF00A5D5)
YUV	121.1370, 45.2885, -106.2371
Hunter-Lab	56.2022, -17.8191, -31.8803

Details

The CIELCh color **63, 39.071, 241.505** 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 **47, 85.859, 44.095**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 35.552, 229.362**, and **45, 33.298, 252.575** is the 20% darker color. If you saturate the color by 10%, you get **63, 39.037, 241.553**, and if you desaturate by 10%, it is **65, 37.838, 237.394**.

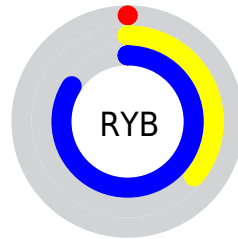
Distribution



Red (0%)

Green (65%)

Blue (84%)



Red (0%)

Yellow (36%)

Blue (84%)

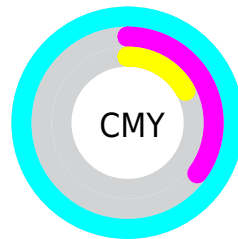


Cyan (100%)

Magenta (23%)

Yellow (0%)

Black (17%)



Cyan (100%)


Magenta (35%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 39.071, 241.505 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 63, 39.071, 241.505 by changing the saturation by 10% instead.


 63, 39.071,
241.505


 63, 39.071,
241.505


 100, 39.071,
241.505


 53, 39.071,
241.505


 83, 39.071,
241.505

 43, 39.071,
241.505

 93, 39.071,
241.505

 33, 39.071,
241.505

 23, 39.071,
241.505

 13, 39.071,
241.505

 3, 39.071, 241.505

 0, 39.071, 241.505

■ 63, 39.071,
241.505

■ 63, 39.071,
241.505

■ 63, 39.037,
241.553

■ 65, 37.838,
237.394

■ 66, 36.211,
233.809

■ 68, 33.934,
230.887

■ 70, 30.931,
228.563

■ 72, 27.199,
226.748

■ 75, 22.786,
225.353

■ 77, 17.769,
224.299

■ 80, 12.239,

223.522

■ 82, 6.288, 222.985

Harmonies

Complementary

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



63, 39.071, 241.505



47, 85.859, 44.095

Rectangle

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



63, 39.071, 241.505



63, 39.071, 291.505



63, 39.071, 61.505



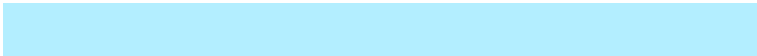
63, 39.071, 111.505

Sweetspot

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



63, 39.037, 241.553



91, 20.563, 224.328



75, 97.776, 138.766



47, 13.808, 224.743



0, 0.000, 0.000



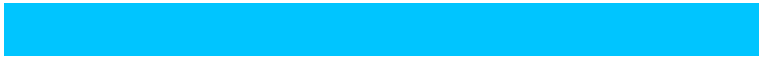
53, 0.007, 296.813

Same Dimension

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



63, 39.037, 241.553



74, 44.853, 242.057



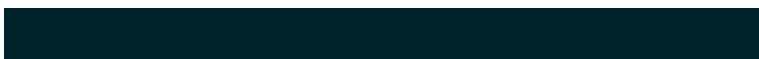
34, 92.827, 299.461



44, 3.594, 222.963



51, 33.064, 240.827



11, 12.683, 231.935

Inverse Universe

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



48, 84.573, 339.892



57, 96.811, 340.044



67, 72.431, 80.093



42, 6.707, 332.008



38, 72.011, 339.673



6, 27.915, 337.117

Previews

White Background



This preview shows how the CIE LCh color 63, 39.071, 241.505 looks on a white background.

Color Contrast Check

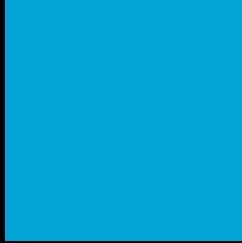
Large Text (above 18pt) WCAG AA × Fail

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 63, 39.071, 241.505 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 ✓ Pass

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

CIELCh 63, 39.071, 241.505

Background



This preview shows how black text looks on a background with the CIELCh color 63, 39.071, 241.505.

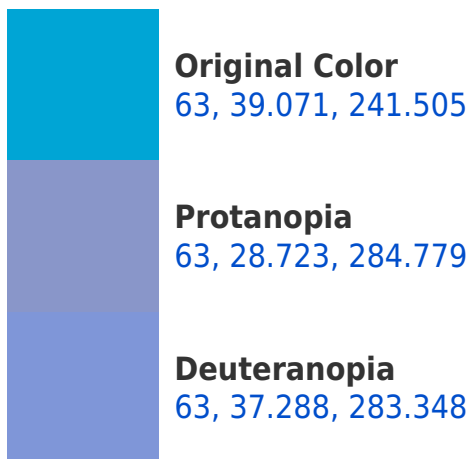


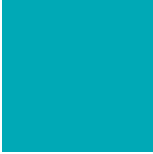
This preview shows how white text looks on a background with the CIELCh color 63, 39.071, 241.505.

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
63, 35.548, 208.604

Trichromacy



Original Color
63, 39.071, 241.505



Protanomaly
62, 32.908, 257.874



Deuteranomaly
62, 37.784, 262.608



Tritanomaly
63, 35.486, 221.472

Monochromacy



Original Color
63, 39.071, 241.505



Achromatopsia
51, 0.007, 296.813



Achromatomaly
54, 21.046, 225.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 39.071, 241.505 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(0, 165, 213)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 213)  
}
```

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(0, 165, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 39.071, 241.505 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(0, 165, 213) }
```

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

```
.border{ border-color:rgb(0, 165, 213) }
```

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

Here you see how a box with a 4 pixel rgb(0, 165, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 213);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 39.071, 241.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 213) }
```

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

```
.background{ background-color: rgb(0, 165,  
213) }
```

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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