

Converting Colors

CIELCh(61, 35.069, 228.081)

Have a look what the booklet for
CIELCh(61, 35.069, 228.081)
contains.

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Color

CIELCh(61, 35.024, 227.387)

Conversions

Conversions Part 1

Format	Color
Hex	04A1C0
RGB	4, 161, 192
RGB Percent	2%, 63%, 75%
CMY	0.9838, 0.3694, 0.2478
CMYK	0.98, 0.16, 0.00, 0.25
HSL	190°, 96%, 38%
HSV	190°, 98%, 75%
XYZ	22.2565, 29.2481, 54.2300
YIQ	117.5910, -103.5230, -23.6430

Conversions

Conversions Part 2

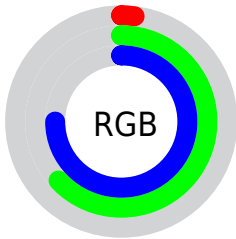
Format	Color
R_{YB}	4, 90, 192
Decimal	303552
CIE _{Lab}	61.00, -23.71, -25.78
CIE _{LCh}	61, 35.024, 227.387
Yxy	29.2481, 0.2105, 0.2766
Android (android.graphics.Color)	4278493632 (0xFF04A1C0)
YUV	117.5910, 36.6836, -99.6193
Hunter-Lab	54.0815, -21.1834, -21.5957

Details

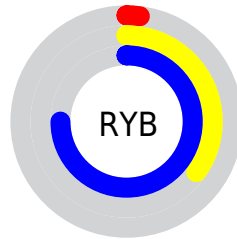
The CIELCh color **61, 35.024, 227.387** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **42, 79.815, 42.194**, and the grayscale version is **49, 0.007, 296.813**.

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, 35.145, 228.039**, and if you desaturate by 10%, it is **62, 34.357, 224.459**.

Distribution



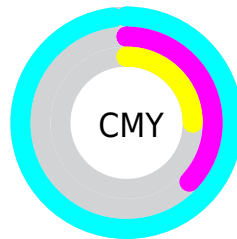
- Red (2%)
- Green (63%)
- Blue (75%)



- Red (2%)
- Yellow (35%)
- Blue (75%)



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





- Cyan (98%)
- Magenta (37%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 35.024, 227.387 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, 35.024, 227.387 by changing the saturation by 10% instead.


 61, 35.024,
227.387


 61, 35.024,
227.387


 100, 35.024,
227.387


 51, 35.024,
227.387


 81, 35.024,
227.387

 41, 35.024,
227.387

 91, 35.024,
227.387

 31, 35.024,
227.387

 21, 35.024,
227.387

 11, 35.024,
227.387

 1, 35.024, 227.387

 0, 35.024, 227.387

■ 61, 35.024,
227.387

■ 61, 35.024,
227.387

■ 61, 35.145,
228.039

■ 62, 34.357,
224.459

■ 63, 33.081,
222.050

■ 65, 31.064,
220.146

■ 66, 28.277,
218.679

■ 68, 24.745,
217.578

■ 70, 20.533,
216.778

■ 72, 15.727,
216.223

■ 74, 10.422,

215.869

■ 76, 4.712, 215.712

Harmonies

Complementary

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



61, 35.024, 227.387



42, 79.815, 42.194

Rectangle

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



61, 35.024, 227.387



61, 35.024, 277.387



61, 35.024, 47.387



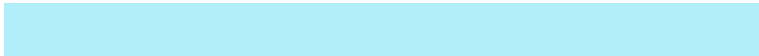
61, 35.024, 97.387

Sweetspot

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



61, 35.023, 227.387



91, 20.180, 216.298



68, 92.268, 137.814



47, 13.613, 216.525



99, 0.012, 296.813



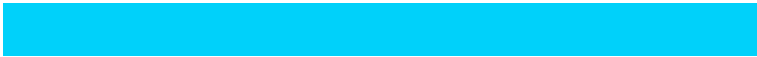
52, 0.007, 296.813

Same Dimension

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



61, 35.023, 227.387



77, 42.884, 228.620



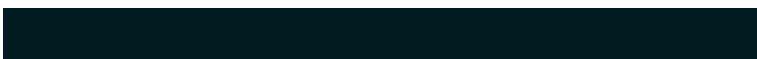
34, 75.276, 295.017



40, 3.418, 215.719



51, 30.819, 227.569



8, 10.572, 220.849

Inverse Universe

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



44, 81.770, 335.952



57, 99.815, 336.284



58, 65.937, 74.495



38, 6.446, 329.875



36, 72.010, 336.010



4, 20.716, 332.819

Previews

White Background



This preview shows how the CIE LCh color 61, 35.024, 227.387 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, 35.024, 227.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

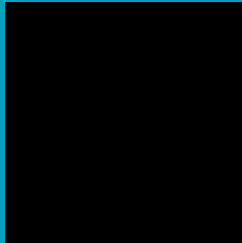
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 35.024, 227.387

Background



This preview shows how black text looks on a background with the CIELCh color 61, 35.024, 227.387.

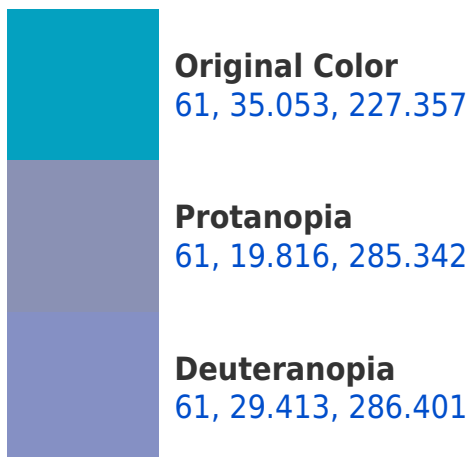


This preview shows how white text looks on a background with the CIELCh color 61, 35.024, 227.387.

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, 35.053, 227.357

Protanomaly
60, 25.653, 245.382

Deuteranomaly
60, 30.036, 255.047

Monochromacy



Original Color
61, 35.053, 227.357

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, 35.024, 227.387 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(4, 161, 192)` looks like.

```
.text, #text, p{  
    color:rgb(4, 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(4, 161, 192) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 61, 35.024, 227.387 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(4, 161, 192) }
```

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

```
.border{ border-color:rgb(4, 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(4, 161, 192)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 61, 35.024, 227.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 161, 192) }
```

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

```
.background{ background-color: rgb(4, 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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