

Converting Colors

CIELCh(61, 38.186, 241.544)

Have a look what the booklet for
CIELCh(61, 38.186, 241.544)
contains.

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Color

CIELCh(61, 38.181, 242.006)

Conversions

Conversions Part 1

Format	Color
Hex	009FCE
RGB	0, 159, 206
RGB Percent	0%, 62%, 81%
CMY	1.0000, 0.3765, 0.1922
CMYK	1.00, 0.23, 0.00, 0.19
HSL	194°, 100%, 40%
HSV	194°, 100%, 81%
XYZ	23.5350, 29.2481, 62.7908
YIQ	116.8170, -109.8510, -19.0910

Conversions

Conversions Part 2

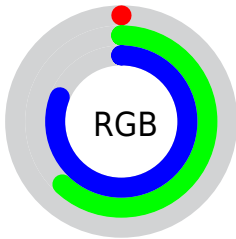
Format	Color
RYB	0, 90, 206
Decimal	40910
CIELab	61.00, -17.92, -33.71
CIELCh	61, 38.181, 242.006
Yxy	29.2481, 0.2036, 0.2531
Android (android.graphics.Color)	4278230990 (0xFF009FCE)
YUV	116.8170, 43.9672, -102.4485
Hunter-Lab	54.0815, -16.9637, -30.9810

Details

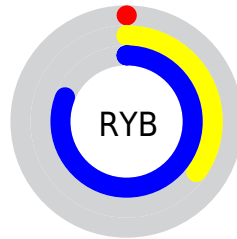
The CIELCh color **61, 38.181, 242.006** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **46, 83.663, 44.237**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 36.051, 235.372**, and **43, 32.160, 252.360** is the 20% darker color. If you saturate the color by 10%, you get **61, 38.180, 242.007**, and if you desaturate by 10%, it is **63, 36.968, 237.836**.

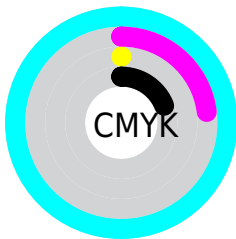
Distribution



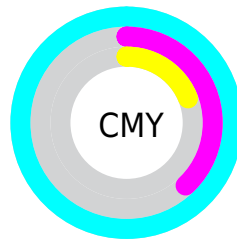
- Red (0%)
- Green (62%)
- Blue (81%)



- Red (0%)
- Yellow (35%)
- Blue (81%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (19%)





- Cyan (100%)
- Magenta (38%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 38.181, 242.006 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, 38.181, 242.006 by changing the saturation by 10% instead.

 61, 38.181,
242.006


 61, 38.181,
242.006


 100, 38.181,
242.006


 51, 38.181,
242.006


 81, 38.181,
242.006

 41, 38.181,
242.006

 91, 38.181,
242.006

 31, 38.181,
242.006

 21, 38.181,
242.006

 11, 38.181,
242.006

 1, 38.181, 242.006

 0, 38.181, 242.006

■ 61, 38.181,
242.006

■ 61, 38.181,
242.006

■ 61, 38.180,
242.007

■ 63, 36.968,
237.836

■ 64, 35.349,
234.232

■ 66, 33.102,
231.292

■ 68, 30.155,
228.951

■ 70, 26.504,
227.119

■ 72, 22.194,
225.709

■ 75, 17.302,
224.641

■ 77, 11.914,

223.851

■ 80, 6.120, 223.302

Harmonies

Complementary

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



61, 38.181, 242.006



46, 83.663, 44.237

Rectangle

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



61, 38.181, 242.006



61, 38.181, 292.006



61, 38.181, 62.006



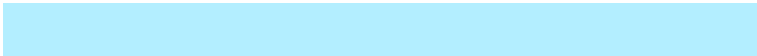
61, 38.181, 112.006

Sweetspot

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



61, 38.180, 242.007



91, 20.547, 224.676



72, 95.374, 138.801



47, 13.799, 225.099



0, 0.000, 0.000



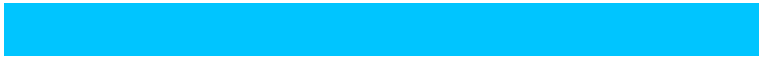
53, 0.007, 296.813

Same Dimension

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



61, 38.180, 242.007



74, 44.958, 242.613



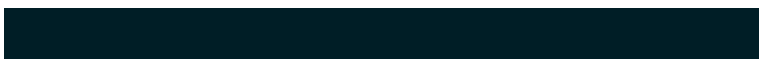
33, 90.439, 299.395



42, 3.450, 223.277



50, 32.386, 241.259



9, 11.748, 231.189

Inverse Universe

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



46, 82.438, 340.029



57, 96.629, 340.214



65, 70.719, 80.147



40, 6.431, 332.099



37, 70.314, 339.803



5, 24.092, 336.784

Previews

White Background



This preview shows how the CIE LCh color 61, 38.181, 242.006 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, 38.181, 242.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

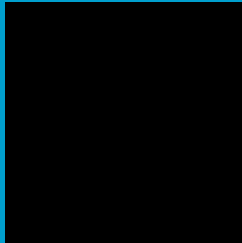
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 38.181, 242.006

Background



This preview shows how black text looks on a background with the CIELCh color 61, 38.181, 242.006.

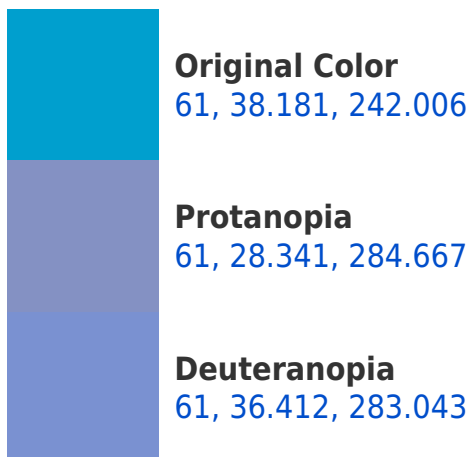


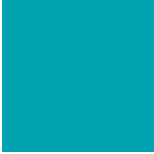
This preview shows how white text looks on a background with the CIELCh color 61, 38.181, 242.006.

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, 34.639, 208.031

Trichromacy



Original Color
61, 38.181, 242.006



Protanomaly
60, 32.329, 258.221



Deuteranomaly
60, 36.803, 262.421



Tritanomaly
61, 34.605, 220.195

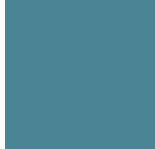
Monochromacy



Original Color
61, 38.181, 242.006



Achromatopsia
49, 0.007, 296.813



Achromatomaly
52, 20.584, 226.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 38.181, 242.006 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, 159, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 206)  
}
```

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, 159, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 38.181, 242.006 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, 159, 206) }
```

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

```
.border{ border-color:rgb(0, 159, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 159, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 38.181, 242.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 206) }
```

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

```
.background{ background-color: rgb(0, 159,  
206) }
```

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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