

Converting Colors

CIELCh(57, 54.452, 271.827)

Have a look what the booklet for
CIELCh(57, 54.452, 271.827)
contains.

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Color

CIELCh(57, 54.629, 272.064)

Conversions

Conversions Part 1

Format	Color
Hex	018DE8
RGB	1, 141, 232
RGB Percent	0%, 55%, 91%
CMY	0.9969, 0.4466, 0.0897
CMYK	1.00, 0.39, 0.00, 0.09
HSL	204°, 99%, 46%
HSV	204°, 100%, 91%
XYZ	24.1354, 24.9227, 79.9800
YIQ	109.5140, -112.6510, -1.3790

Conversions

Conversions Part 2

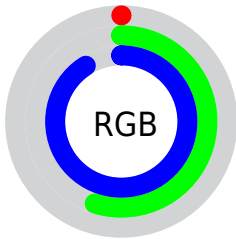
Format	Color
R _Y B	1, 88, 232
Decimal	101864
CIE Lab	57.00, 1.97, -54.59
CIE LCh	57, 54.629, 272.064
Yxy	24.9227, 0.1870, 0.1931
Android (android.graphics.Color)	4278291944 (0xFF018DE8)
YUV	109.5140, 60.3856, -95.1668
Hunter-Lab	49.9226, -1.0676, -60.0415

Details

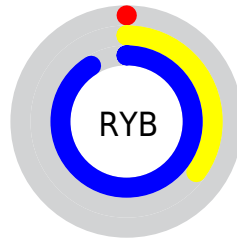
The CIELCh color **57, 54.629, 272.064** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **57, 83.851, 52.202**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 39.092, 256.468**, and **39, 52.058, 281.567** is the 20% darker color. If you saturate the color by 10%, you get **57, 54.786, 272.231**, and if you desaturate by 10%, it is **60, 50.169, 267.020**.

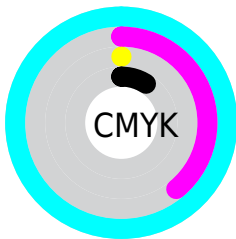
Distribution



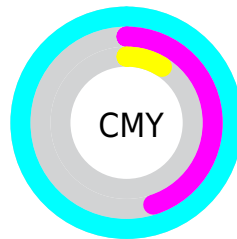
- Red (0%)
- Green (55%)
- Blue (91%)



- Red (0%)
- Yellow (35%)
- Blue (91%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 54.629, 272.064 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 57, 54.629, 272.064 by changing the saturation by 10% instead.

■ 57, 54.629,
272.064

■ 57, 54.629,
272.064

■ 100, 54.629,
272.064

■ 47, 54.629,
272.064

■ 77, 54.629,
272.064

■ 37, 54.629,
272.064

■ 87, 54.629,
272.064

■ 27, 54.629,
272.064

■ 97, 54.629,
272.064

■ 17, 54.629,
272.064

■ 7, 54.629, 272.064

■ 0, 54.629, 272.064

■ 57, 54.629,
272.064

■ 57, 54.629,
272.064

■ 57, 54.786,
272.231

■ 60, 50.169,
267.020

■ 63, 45.744,
262.289

■ 66, 41.150,
258.119

■ 69, 36.257,
254.563

■ 73, 30.998,
251.597

■ 77, 25.361,
249.155

■ 80, 19.371,
247.160

■ 84, 13.073,

245.538

■ 88, 6.523, 244.238

Harmonies

Complementary

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



57, 54.629, 272.064



57, 83.851, 52.202

Rectangle

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



57, 54.629, 272.064



57, 54.629, 322.064



57, 54.629, 92.064



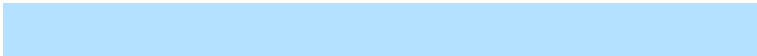
57, 54.629, 142.064

Sweetspot

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



57, 54.628, 272.065



87, 21.124, 247.250



81, 93.102, 143.733



45, 14.288, 248.054



0, 0.000, 0.000



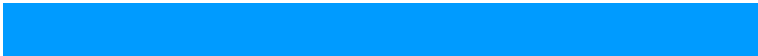
53, 0.007, 296.813

Same Dimension

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



57, 54.628, 272.065



62, 59.065, 272.514



31, 118.271, 304.839



47, 3.870, 244.217



45, 44.910, 271.347



11, 17.222, 262.428

Inverse Universe

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



51, 81.414, 352.723



56, 87.345, 353.001



82, 83.104, 94.624



46, 6.414, 339.002



39, 67.795, 352.283



8, 29.914, 347.580

Previews

White Background



This preview shows how the CIE LCh color 57, 54.629, 272.064 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 57, 54.629, 272.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

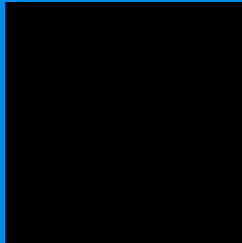
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

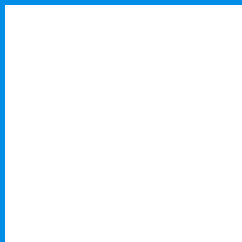
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 54.629, 272.064

Background



This preview shows how black text looks on a background with the CIELCh color 57, 54.629, 272.064.

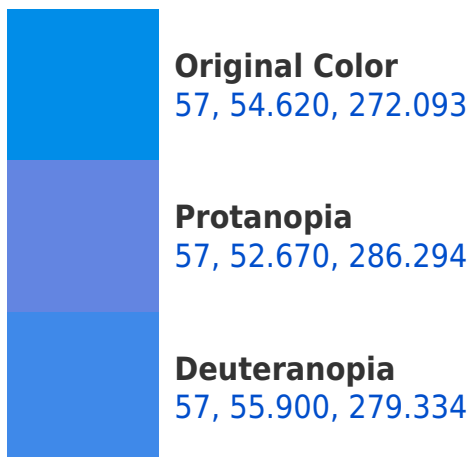


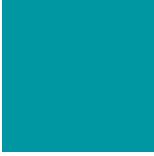
This preview shows how white text looks on a background with the CIELCh color 57, 54.629, 272.064.

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



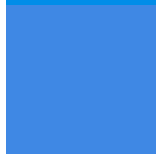


Tritanopia
57, 32.756, 207.831

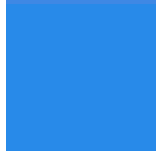
Trichromacy



Original Color
57, 54.620, 272.093



Protanomaly
56, 53.843, 278.416



Deuteranomaly
57, 56.022, 276.185



Tritanomaly
57, 35.334, 239.547

Monochromacy



Original Color
57, 54.620, 272.093



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 24.157, 252.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 54.629, 272.064 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(1, 141, 232)` looks like.

```
.text, #text, p{  
    color:rgb(1, 141, 232)  
}
```

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(1, 141, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 141, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 54.629, 272.064 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(1, 141, 232) }
```

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

```
.border{ border-color:rgb(1, 141, 232) }
```

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

Here you see how a box with a 4 pixel rgb(1, 141, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 141, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 141, 232);  
box-shadow:4px 4px 4px 4px rgb(1, 141,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 54.629, 272.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 141, 232) }
```

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

```
.background{ background-color: rgb(1, 141,  
232) }
```

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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