

Converting Colors

CIELCh(57, 52.574, 269.912)

Have a look what the booklet for
CIELCh(57, 52.574, 269.912)
contains.

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Color

CIELCh(57, 52.256, 269.829)

Conversions

Conversions Part 1

Format	Color
Hex	008EE4
RGB	0, 142, 228
RGB Percent	0%, 56%, 89%
CMY	1.0000, 0.4434, 0.1062
CMYK	1.00, 0.38, 0.00, 0.11
HSL	203°, 100%, 45%
HSV	203°, 100%, 89%
XYZ	23.6530, 24.9227, 76.9117
YIQ	109.3460, -112.2380, -3.3580

Conversions

Conversions Part 2

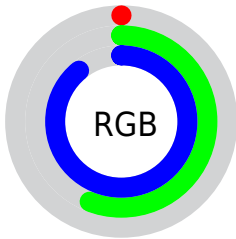
Format	Color
R _{YB}	0, 88, 228
Decimal	36580
CIE Lab	57.00, -0.16, -52.26
CIE LCh	57, 52.256, 269.829
Yxy	24.9227, 0.1885, 0.1986
Android (android.graphics.Color)	4278226660 (0xFF008EE4)
YUV	109.3460, 58.4964, -95.8964
Hunter-Lab	49.9226, -2.7923, -56.3974

Details

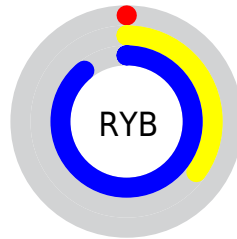
The CIELCh color **57, 52.256, 269.829** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **55, 83.639, 51.163**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 38.910, 255.307**, and **39, 49.851, 280.156** is the 20% darker color. If you saturate the color by 10%, you get **57, 52.252, 269.840**, and if you desaturate by 10%, it is **60, 48.202, 264.770**.

Distribution



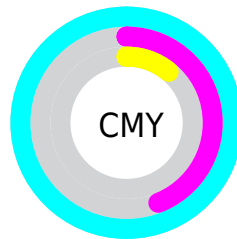
- Red (0%)
- Green (56%)
- Blue (89%)



- Red (0%)
- Yellow (35%)
- Blue (89%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (11%)





- Cyan (100%)
- Magenta (44%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 52.256, 269.829 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, 52.256, 269.829 by changing the saturation by 10% instead.


 57, 52.256,
269.829


 57, 52.256,
269.829


 100, 52.256,
269.829


 47, 52.256,
269.829


 77, 52.256,
269.829

 37, 52.256,
269.829

 87, 52.256,
269.829

 27, 52.256,
269.829

 97, 52.256,
269.829

 17, 52.256,
269.829

 7, 52.256, 269.829

 0, 52.256, 269.829

■ 57, 52.256,
269.829

■ 57, 52.256,
269.829

■ 57, 52.252,
269.840

■ 60, 48.202,
264.770

■ 63, 44.156,
260.031

■ 66, 39.900,
255.878

■ 69, 35.307,
252.355

■ 72, 30.311,
249.431

■ 76, 24.905,
247.036

■ 79, 19.118,
245.089

■ 83, 13.001,

243.513

■ 87, 6.611, 242.258

Harmonies

Complementary

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



57, 52.256, 269.829



55, 83.639, 51.163

Rectangle

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



57, 52.256, 269.829



57, 52.256, 319.829



57, 52.256, 89.829



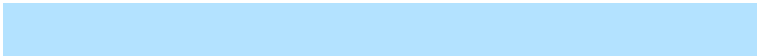
57, 52.256, 139.829

Sweetspot

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



57, 52.252, 269.840



88, 20.931, 245.121



80, 93.244, 143.069



45, 14.146, 245.901



0, 0.000, 0.000



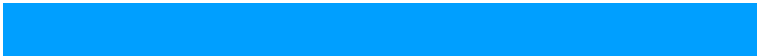
53, 0.007, 296.813

Same Dimension

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



57, 52.252, 269.840



63, 57.147, 270.185



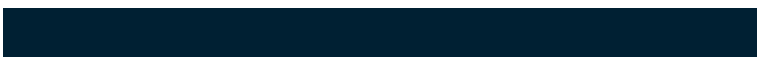
31, 115.466, 304.536



46, 3.779, 242.199



45, 43.005, 268.946



11, 16.206, 259.463

Inverse Universe

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



50, 80.941, 351.396



56, 88.008, 351.595



80, 81.196, 93.277



45, 6.371, 338.252



39, 67.617, 350.890



7, 29.201, 346.289

Previews

White Background



This preview shows how the CIE LCh color 57, 52.256, 269.829 looks on a white background.

Color Contrast Check

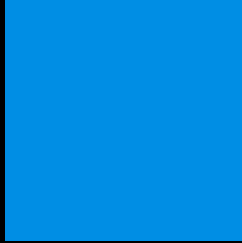
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 57, 52.256, 269.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

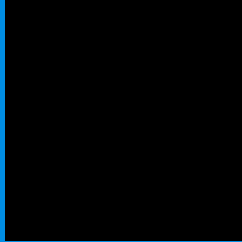
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

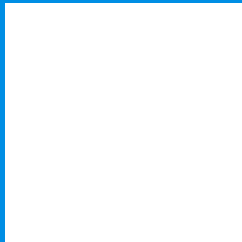
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 52.256, 269.829

Background



This preview shows how black text looks on a background with the CIELCh color 57, 52.256, 269.829.

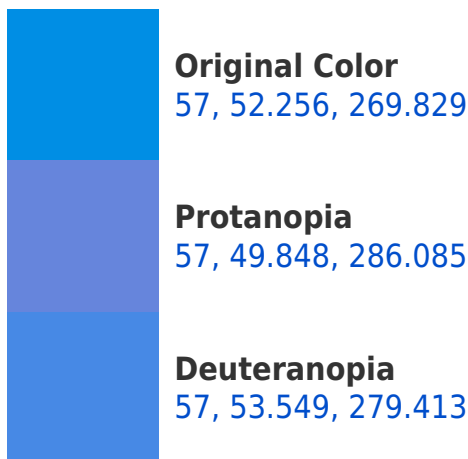


This preview shows how white text looks on a background with the CIELCh color 57, 52.256, 269.829.

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, 52.256, 269.829



Protanomaly
56, 51.191, 277.153



Deuteranomaly
57, 53.379, 274.722



Tritanomaly
57, 34.742, 236.524

Monochromacy



Original Color
57, 52.256, 269.829



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 23.517, 249.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 52.256, 269.829 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, 142, 228)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 228)  
}
```

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, 142, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 52.256, 269.829 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, 142, 228) }
```

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

```
.border{ border-color:rgb(0, 142, 228) }
```

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

Here you see how a box with a 4 pixel rgb(0, 142, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 228);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 52.256, 269.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 228) }
```

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

```
.background{ background-color: rgb(0, 142,  
228) }
```

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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