

Converting Colors

CIELCh(57, 52.727, 270.245)

Have a look what the booklet for
CIELCh(57, 52.727, 270.245)
contains.

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Color

CIELCh(57, 52.727, 270.245)

Conversions

Conversions Part 1

Format	Color
Hex	008EE5
RGB	0, 142, 229
RGB Percent	0%, 56%, 90%
CMY	1.0000, 0.4439, 0.1028
CMYK	1.00, 0.38, 0.00, 0.10
HSL	203°, 100%, 45%
HSV	203°, 100%, 90%
XYZ	23.7392, 24.9227, 77.5231
YIQ	109.4600, -112.5590, -3.0470

Conversions

Conversions Part 2

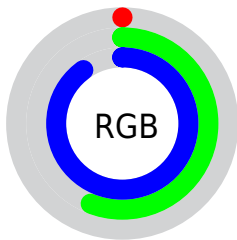
Format	Color
R _{YB}	0, 88, 229
Decimal	36581
CIE Lab	57.00, 0.23, -52.73
CIE LCh	57, 52.727, 270.245
Yxy	24.9227, 0.1881, 0.1975
Android (android.graphics.Color)	4278226661 (0xFF008EE5)
YUV	109.4600, 58.9332, -95.9964
Hunter-Lab	49.9226, -2.4842, -57.1236

Details

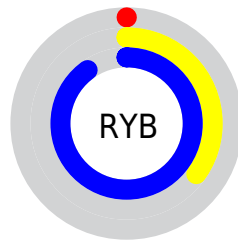
The CIELCh color **57, 52.727, 270.245** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **56, 83.742, 51.334**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 38.910, 255.307**, and **39, 50.401, 280.520** is the 20% darker color. If you saturate the color by 10%, you get **57, 52.714, 270.282**, and if you desaturate by 10%, it is **60, 48.589, 265.215**.

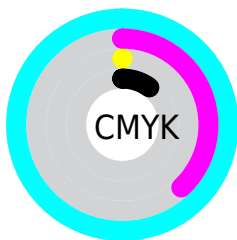
Distribution



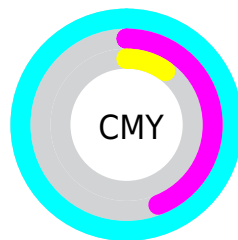
- Red (0%)
- Green (56%)
- Blue (90%)



- Red (0%)
- Yellow (35%)
- Blue (90%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (10%)





- Cyan (100%)
- Magenta (44%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 52.727, 270.245 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, 52.727, 270.245 by changing the saturation by 10% instead.


 57, 52.727,
270.245


 57, 52.727,
270.245


 100, 52.727,
270.245


 47, 52.727,
270.245


 77, 52.727,
270.245

 37, 52.727,
270.245

 87, 52.727,
270.245

 27, 52.727,
270.245

 97, 52.727,
270.245

 17, 52.727,
270.245

 7, 52.727, 270.245

 0, 52.727, 270.245

■ 57, 52.727,
270.245

■ 57, 52.727,
270.245

■ 57, 52.714,
270.282

■ 60, 48.589,
265.215

■ 63, 44.475,
260.474

■ 66, 40.160,
256.312

■ 69, 35.514,
252.778

■ 72, 30.473,
249.842

■ 76, 25.027,
247.435

■ 79, 19.205,
245.476

■ 83, 13.056,

243.889

■ 87, 6.638, 242.623

Harmonies

Complementary

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



57, 52.727, 270.245



56, 83.742, 51.334

Rectangle

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



57, 52.727, 270.245



57, 52.727, 320.245



57, 52.727, 90.245



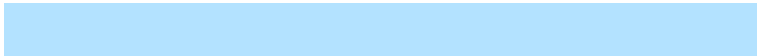
57, 52.727, 140.245

Sweetspot

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



57, 52.714, 270.282



88, 20.964, 245.508



80, 93.514, 143.064



45, 14.170, 246.292



0, 0.000, 0.000



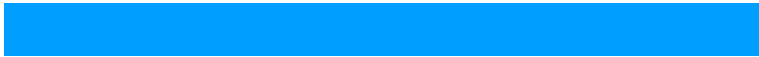
53, 0.007, 296.813

Same Dimension

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



57, 52.714, 270.282



63, 57.485, 270.614



31, 115.804, 304.540



46, 3.783, 242.564



45, 43.252, 269.378



11, 16.274, 259.898

Inverse Universe

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



50, 81.049, 351.651



56, 87.884, 351.846



80, 81.421, 93.275



45, 6.358, 338.385



39, 67.521, 351.132



7, 29.155, 346.478

Previews

White Background



This preview shows how the CIE LCh color 57, 52.727, 270.245 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, 52.727, 270.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

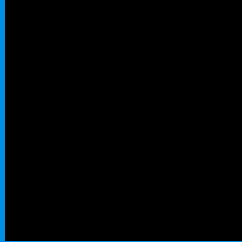
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

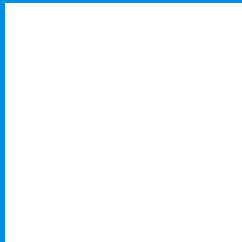
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 52.727, 270.245

Background



This preview shows how black text looks on a background with the CIELCh color 57, 52.727, 270.245.

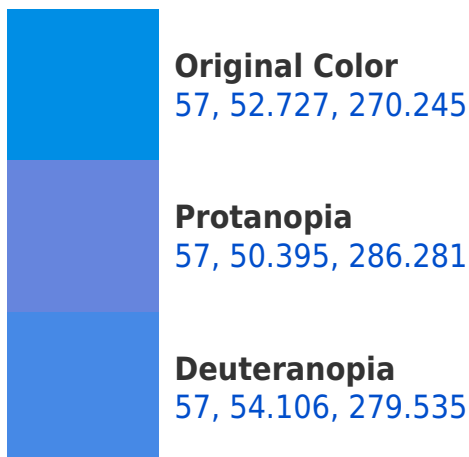


This preview shows how white text looks on a background with the CIELCh color 57, 52.727, 270.245.

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, 52.727, 270.245

Protanomaly
56, 51.706, 277.478

Deuteranomaly
57, 53.878, 275.072

Tritanomaly
57, 34.742, 236.524

Monochromacy



Original Color
57, 52.727, 270.245

Achromatopsia
46, 0.006, 296.813

Achromatomaly
49, 23.903, 250.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 52.727, 270.245 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 52.727, 270.245 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, 229) }
```

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

```
.border{ border-color:rgb(0, 142, 229) }
```

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, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 52.727, 270.245 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, 229) }
```

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

```
.background{ background-color: rgb(0, 142,  
229) }
```

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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