

Converting Colors

CIELCh(57, 54.702, 272.144)

Have a look what the booklet for
CIELCh(57, 54.702, 272.144)
contains.

CIELCh(57, 54.620, 272.093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 54.620, 272.093)

Conversions

Conversions Part 1

Format	Color
Hex	028DE8
RGB	2, 141, 232
RGB Percent	1%, 55%, 91%
CMY	0.9934, 0.4467, 0.0897
CMYK	0.99, 0.39, 0.00, 0.09
HSL	204°, 99%, 46%
HSV	204°, 99%, 91%
XYZ	24.1416, 24.9227, 79.9667
YIQ	109.8130, -112.0550, -1.1670

Conversions

Conversions Part 2

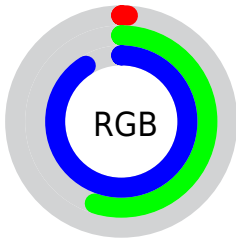
Format	Color
R _Y B	2, 89, 232
Decimal	167400
CIE Lab	57.00, 1.99, -54.58
CIE LCh	57, 54.620, 272.093
Yxy	24.9227, 0.1871, 0.1932
Android (android.graphics.Color)	4278357480 (0xFF028DE8)
YUV	109.8130, 60.2382, -94.5520
Hunter-Lab	49.9226, -1.0453, -60.0257

Details

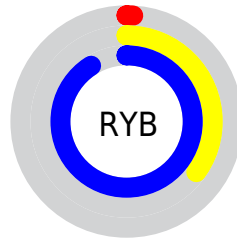
The CIELCh color **57, 54.620, 272.093** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **57, 83.536, 52.376**, and the grayscale version is **46, 0.006, 296.813**.

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, 54.955, 272.446**, and if you desaturate by 10%, it is **60, 50.134, 267.050**.

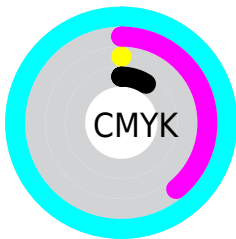
Distribution



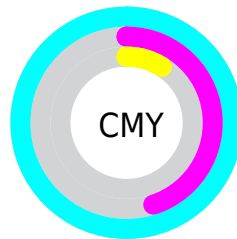
- Red (1%)
- Green (55%)
- Blue (91%)



- Red (1%)
- Yellow (35%)
- Blue (91%)



- Cyan (99%)
- Magenta (39%)
- Yellow (0%)
- Black (9%)




- Cyan (99%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 54.620, 272.093 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, 54.620, 272.093 by changing the saturation by 10% instead.


 57, 54.620,
272.093


 57, 54.620,
272.093

 100, 54.620,
272.093


 47, 54.620,
272.093


 77, 54.620,
272.093

 37, 54.620,
272.093

 87, 54.620,
272.093

 27, 54.620,
272.093

 97, 54.620,
272.093

 17, 54.620,
272.093

 7, 54.620, 272.093

 0, 54.620, 272.093

■ 57, 54.620,
272.093

■ 57, 54.620,
272.093

■ 57, 54.955,
272.446

■ 60, 50.134,
267.050

■ 63, 45.676,
262.340

■ 66, 41.047,
258.191

■ 69, 36.120,
254.654

■ 73, 30.830,
251.704

■ 77, 25.166,
249.276

■ 80, 19.152,
247.292

■ 84, 12.837,

245.677

■ 88, 6.272, 244.385

Harmonies

Complementary

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



57, 54.620, 272.093



57, 83.536, 52.376

Rectangle

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



57, 54.620, 272.093



57, 54.620, 322.093



57, 54.620, 92.093



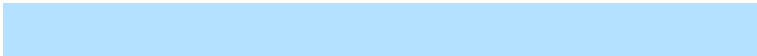
57, 54.620, 142.093

Sweetspot

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



57, 54.619, 272.094



87, 21.144, 247.450



81, 92.891, 143.810



45, 14.303, 248.256



0, 0.000, 0.000



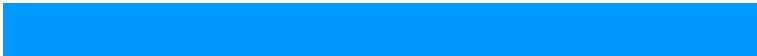
53, 0.007, 296.813

Same Dimension

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



57, 54.619, 272.094



62, 59.252, 272.729



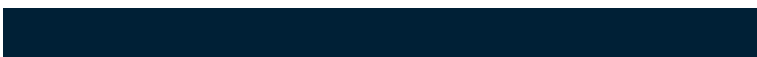
31, 117.979, 304.783



47, 3.873, 244.407



45, 45.048, 271.563



11, 17.263, 262.649

Inverse Universe

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



51, 81.340, 352.742



56, 87.285, 353.136



82, 83.041, 94.658



46, 6.407, 339.074



39, 67.748, 352.414



8, 29.891, 347.683

Previews

White Background



This preview shows how the CIE LCh color 57, 54.620, 272.093 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, 54.620, 272.093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

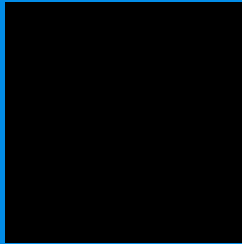
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

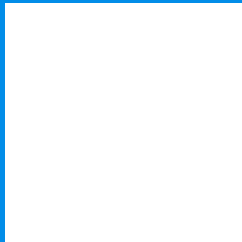
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 54.620, 272.093

Background



This preview shows how black text looks on a background with the CIELCh color 57, 54.620, 272.093.

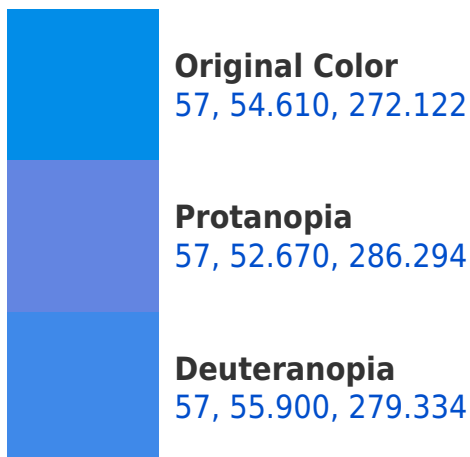


This preview shows how white text looks on a background with the CIELCh color 57, 54.620, 272.093.

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, 54.610, 272.122

Protanomaly
56, 53.808, 278.566

Deuteranomaly
57, 55.999, 276.273

Tritanomaly
57, 35.061, 238.667

Monochromacy



Original Color
57, 54.610, 272.122

Achromatopsia
46, 0.006, 296.813

Achromatomaly
49, 24.015, 252.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 54.620, 272.093 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(2, 141, 232)` looks like.

```
.text, #text, p{  
    color:rgb(2, 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(2, 141, 232) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 57, 54.620, 272.093 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(2, 141, 232) }
```

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

```
.border{ border-color:rgb(2, 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(2, 141, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 141, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 141, 232);  
box-shadow:4px 4px 4px 4px rgb(2, 141,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 54.620, 272.093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 141, 232) }
```

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

```
.background{ background-color: rgb(2, 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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor