

Converting Colors

CIELCh(54, 54.896, 274.073)

Have a look what the booklet for
CIELCh(54, 54.896, 274.073)
contains.

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Color

CIELCh(54, 55.169, 274.481)

Conversions

Conversions Part 1

Format	Color
Hex	0184E0
RGB	1, 132, 224
RGB Percent	0%, 52%, 88%
CMY	0.9941, 0.4814, 0.1205
CMYK	0.99, 0.41, 0.00, 0.12
HSL	205°, 99%, 44%
HSV	205°, 99%, 88%
XYZ	21.7941, 21.9746, 73.8093
YIQ	103.3190, -107.6080, 0.8400

Conversions

Conversions Part 2

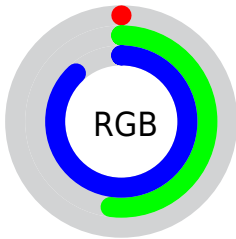
Format	Color
R _Y B	1, 84, 224
Decimal	99552
CIE Lab	54.00, 4.31, -55.00
CIE LCh	54, 55.169, 274.481
Yxy	21.9746, 0.1854, 0.1869
Android (android.graphics.Color)	4278289632 (0xFF0184E0)
YUV	103.3190, 59.4957, -89.7338
Hunter-Lab	46.8770, 0.9536, -60.5400

Details

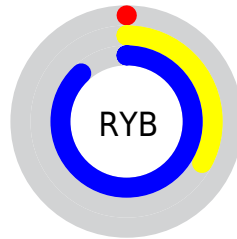
The CIELCh color **54, 55.169, 274.481** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **56, 80.572, 53.653**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 42.268, 263.701**, and **36, 53.093, 284.307** is the 20% darker color. If you saturate the color by 10%, you get **54, 55.496, 274.800**, and if you desaturate by 10%, it is **57, 50.414, 269.517**.

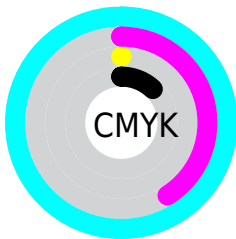
Distribution



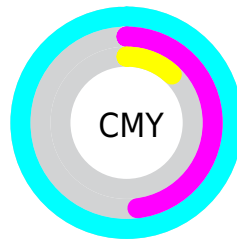
- Red (0%)
- Green (52%)
- Blue (88%)



- Red (0%)
- Yellow (33%)
- Blue (88%)



- Cyan (99%)
- Magenta (41%)
- Yellow (0%)
- Black (12%)





- Cyan (99%)
- Magenta (48%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 55.169, 274.481 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 54, 55.169, 274.481 by changing the saturation by 10% instead.


 54, 55.169,
274.481


 54, 55.169,
274.481


 100, 55.169,
274.481

 44, 55.169,
274.481


 74, 55.169,
274.481

 34, 55.169,
274.481

 84, 55.169,
274.481

 24, 55.169,
274.481

 94, 55.169,
274.481

 14, 55.169,
274.481

 4, 55.169, 274.481

 0, 55.169, 274.481

■ 54, 55.169,
274.481

■ 54, 55.169,
274.481

■ 54, 55.496,
274.800

■ 57, 50.414,
269.517

■ 60, 45.726,
264.839

■ 63, 40.921,
260.689

■ 67, 35.878,
257.128

■ 70, 30.528,
254.139

■ 74, 24.856,
251.665

■ 78, 18.881,
249.630

■ 82, 12.642,

247.964

■ 86, 6.186, 246.621

Harmonies

Complementary

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



54, 55.169, 274.481



56, 80.572, 53.653

Rectangle

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



54, 55.169, 274.481



54, 55.169, 324.481



54, 55.169, 94.481



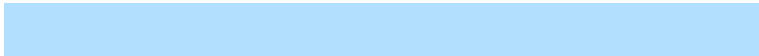
54, 55.169, 144.481

Sweetspot

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



54, 55.168, 274.482



87, 21.397, 249.793



79, 89.159, 144.493



44, 14.488, 250.623



0, 0.000, 0.000



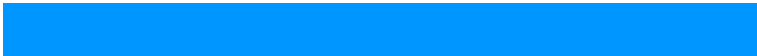
53, 0.007, 296.813

Same Dimension

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



54, 55.168, 274.482



61, 61.524, 275.186



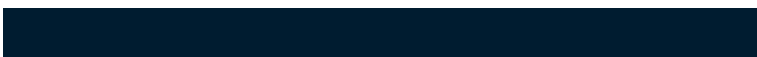
30, 116.119, 305.066



45, 3.765, 246.634



43, 45.671, 273.926



10, 16.450, 263.974

Inverse Universe

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



49, 78.670, 354.281



56, 86.621, 354.755



81, 81.797, 95.951



44, 6.099, 339.935



38, 65.831, 353.907



7, 27.501, 348.475

Previews

White Background



This preview shows how the CIE LCh color 54, 55.169, 274.481 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 54, 55.169, 274.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

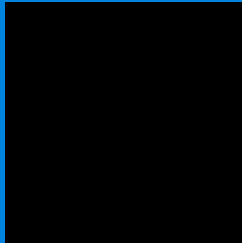
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 55.169, 274.481

Background



This preview shows how black text looks on a background with the CIELCh color 54, 55.169, 274.481.

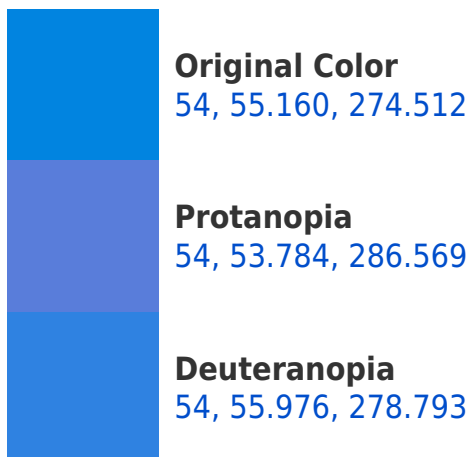



This preview shows how white text looks on a background with the CIELCh color 54, 55.169, 274.481.

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
54, 31.504, 207.307

Trichromacy



Original Color
54, 55.160, 274.512

Protanomaly
53, 54.167, 279.646

Deuteranomaly
54, 55.825, 276.717

Tritanomaly
54, 34.160, 240.584

Monochromacy



Original Color
54, 55.160, 274.512

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 24.103, 256.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 55.169, 274.481 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, 132, 224)` looks like.

```
.text, #text, p{  
    color:rgb(1, 132, 224)  
}
```

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, 132, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 132, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 55.169, 274.481 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, 132, 224) }
```

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

```
.border{ border-color:rgb(1, 132, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 132, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 132, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 132, 224);  
box-shadow:4px 4px 4px 4px rgb(1, 132,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 55.169, 274.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 132, 224) }
```

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

```
.background{ background-color: rgb(1, 132,  
224) }
```

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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