

Converting Colors

CIELCh(55, 54.230, 273.052)

Have a look what the booklet for
CIELCh(55, 54.230, 273.052)
contains.

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Color

CIELCh(55, 54.640, 273.456)

Conversions

Conversions Part 1

Format	Color
Hex	0387E2
RGB	3, 135, 226
RGB Percent	1%, 53%, 89%
CMY	0.9894, 0.4695, 0.1125
CMYK	0.99, 0.40, 0.00, 0.11
HSL	204°, 98%, 45%
HSV	204°, 99%, 89%
XYZ	22.5054, 22.9298, 75.4144
YIQ	105.9060, -107.8830, 0.3170

Conversions

Conversions Part 2

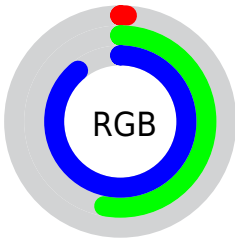
Format	Color
R _Y B	3, 86, 226
Decimal	231394
CIE Lab	55.00, 3.29, -54.54
CIE LCh	55, 54.640, 273.456
Yxy	22.9298, 0.1862, 0.1897
Android (android.graphics.Color)	4278421474 (0xFF0387E2)
YUV	105.9060, 59.2063, -90.2486
Hunter-Lab	47.8851, 0.0939, -59.8564

Details

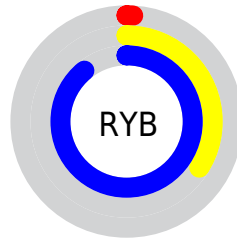
The CIELCh color **55, 54.640, 273.456** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **56, 81.084, 53.332**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 41.109, 261.479**, and **37, 52.357, 283.182** is the 20% darker color. If you saturate the color by 10%, you get **55, 55.212, 274.031**, and if you desaturate by 10%, it is **58, 49.992, 268.463**.

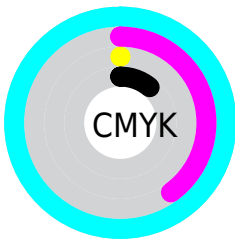
Distribution



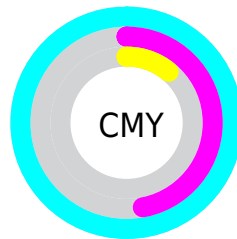
- Red (1%)
- Green (53%)
- Blue (89%)



- Red (1%)
- Yellow (34%)
- Blue (89%)



- Cyan (99%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)





- Cyan (99%)
- Magenta (47%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 54.640, 273.456 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 55, 54.640, 273.456 by changing the saturation by 10% instead.


 55, 54.640,
273.456

 55, 54.640,
273.456


 100, 54.640,
273.456


 45, 54.640,
273.456


 75, 54.640,
273.456

 35, 54.640,
273.456

 85, 54.640,
273.456

 25, 54.640,
273.456

 95, 54.640,
273.456

 15, 54.640,
273.456

 5, 54.640, 273.456

 0, 54.640, 273.456

■ 55, 54.640,
273.456

■ 55, 54.640,
273.456

■ 55, 55.212,
274.031

■ 58, 49.992,
268.463

■ 61, 45.384,
263.798

■ 64, 40.635,
259.677

■ 68, 35.624,
256.153

■ 71, 30.288,
253.204

■ 75, 24.613,
250.768

■ 79, 18.622,
248.770

■ 83, 12.358,

247.137

■ 86, 5.870, 245.827

Harmonies

Complementary

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



55, 54.640, 273.456



56, 81.084, 53.332

Rectangle

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



55, 54.640, 273.456



55, 54.640, 323.456



55, 54.640, 93.456



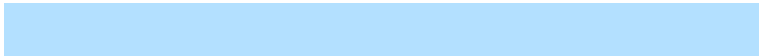
55, 54.640, 143.456

Sweetspot

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



55, 54.639, 273.457



87, 21.309, 249.024



79, 89.516, 144.589



45, 14.424, 249.846



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 54.639, 273.457



61, 60.761, 274.390



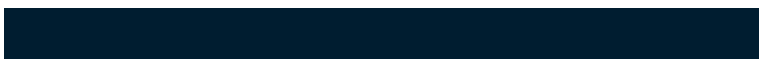
30, 116.582, 305.004



45, 3.754, 245.899



43, 45.119, 273.122



10, 16.299, 263.142

Inverse Universe

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



50, 79.375, 353.608



56, 86.832, 354.215



82, 82.272, 95.988



44, 6.125, 339.647



38, 65.997, 353.386



7, 27.588, 348.069

Previews

White Background



This preview shows how the CIE LCh color 55, 54.640, 273.456 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 55, 54.640, 273.456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

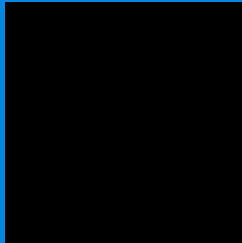
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 54.640, 273.456

Background



This preview shows how black text looks on a background with the CIELCh color 55, 54.640, 273.456.

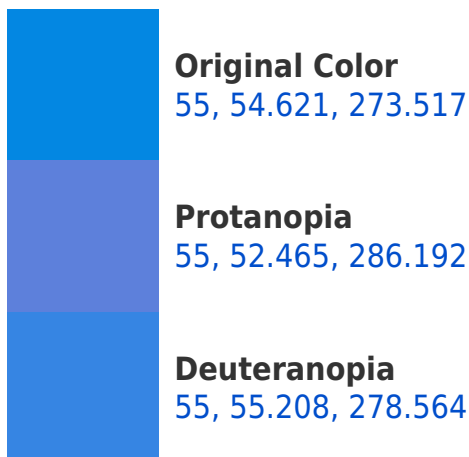


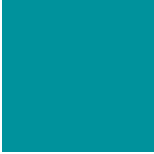
This preview shows how white text looks on a background with the CIELCh color 55, 54.640, 273.456.

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
55, 31.995, 207.096

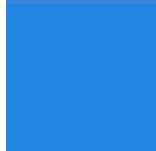
Trichromacy



Original Color
55, 54.621, 273.517



Protanomaly
55, 53.494, 278.988



Deuteranomaly
55, 55.174, 276.049



Tritanomaly
55, 34.494, 239.849

Monochromacy



Original Color
55, 54.621, 273.517



Achromatopsia
45, 0.006, 296.813



Achromatomaly
47, 23.915, 253.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 54.640, 273.456 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(3, 135, 226)` looks like.

```
.text, #text, p{  
    color:rgb(3, 135, 226)  
}
```

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(3, 135, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 135, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 54.640, 273.456 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(3, 135, 226) }
```

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

```
.border{ border-color:rgb(3, 135, 226) }
```

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

Here you see how a box with a 4 pixel rgb(3, 135, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 135, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 135, 226);  
box-shadow:4px 4px 4px 4px rgb(3, 135,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 54.640, 273.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 135, 226) }
```

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

```
.background{ background-color: rgb(3, 135,  
226) }
```

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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