

Converting Colors

CIELCh(60, 54.971, 270.187)

Have a look what the booklet for
CIELCh(60, 54.971, 270.187)
contains.

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Color

CIELCh(60, 54.664, 270.064)

Conversions

Conversions Part 1

Format	Color
Hex	0096F1
RGB	0, 150, 241
RGB Percent	0%, 59%, 95%
CMY	1.0000, 0.4121, 0.0553
CMYK	1.00, 0.38, 0.00, 0.06
HSL	203°, 100%, 47%
HSV	203°, 100%, 94%
XYZ	26.7453, 28.1233, 87.1555
YIQ	115.5240, -118.6110, -3.4990

Conversions

Conversions Part 2

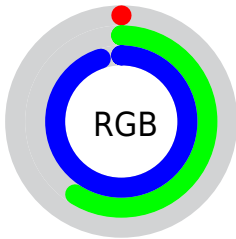
Format	Color
R _{YB}	0, 92, 241
Decimal	38641
CIE Lab	60.00, 0.06, -54.66
CIE LCh	60, 54.664, 270.064
Yxy	28.1233, 0.1883, 0.1980
Android (android.graphics.Color)	4278228721 (0xFF0096F1)
YUV	115.5240, 61.8597, -101.3145
Hunter-Lab	53.0314, -2.7821, -60.3193

Details

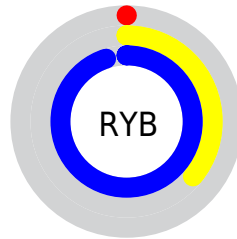
The CIELCh color **60, 54.664, 270.064** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **58, 87.279, 51.071**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 36.408, 247.270**, and **42, 51.736, 279.444** is the 20% darker color. If you saturate the color by 10%, you get **60, 54.658, 270.080**, and if you desaturate by 10%, it is **63, 50.413, 264.977**.

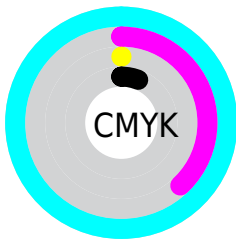
Distribution



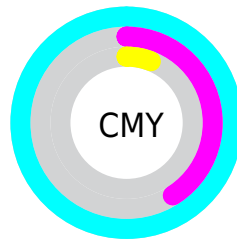
- Red (0%)
- Green (59%)
- Blue (95%)



- Red (0%)
- Yellow (36%)
- Blue (95%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (6%)





- Cyan (100%)
- Magenta (41%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 54.664, 270.064 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 60, 54.664, 270.064 by changing the saturation by 10% instead.

 60, 54.664,
270.064

 60, 54.664,
270.064


 100, 54.664,
270.064


 50, 54.664,
270.064


 80, 54.664,
270.064

 40, 54.664,
270.064

 90, 54.664,
270.064

 30, 54.664,
270.064

 20, 54.664,
270.064

 10, 54.664,
270.064

 0, 54.664, 270.064

 60, 54.664,

 60, 54.664,

270.064

■ 60, 54.658,
270.080

270.064

■ 63, 50.413,
264.977

■ 66, 46.176,
260.209

■ 69, 41.725,
256.027

■ 72, 36.922,
252.479

■ 76, 31.699,
249.534

■ 79, 26.047,
247.123

■ 83, 19.996,
245.164

■ 87, 13.599,
243.579

Harmonies

Complementary

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



60, 54.664, 270.064



58, 87.279, 51.071

Rectangle

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



60, 54.664, 270.064



60, 54.664, 320.064



60, 54.664, 90.064



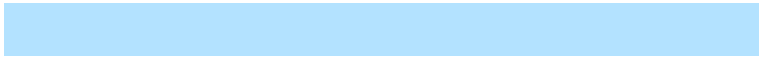
60, 54.664, 140.064

Sweetspot

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



60, 54.658, 270.080



88, 20.936, 245.180



84, 97.377, 142.998



45, 14.149, 245.960



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 54.658, 270.080



63, 57.197, 270.250



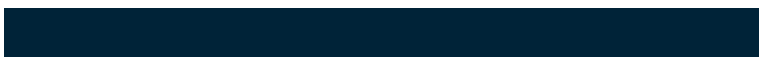
33, 120.631, 304.593



48, 3.917, 242.259



46, 44.018, 269.126



13, 17.417, 260.652

Inverse Universe

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



53, 84.326, 351.534



56, 87.989, 351.633



84, 84.637, 93.244



47, 6.601, 338.275



40, 69.005, 350.990



9, 31.001, 346.778

Previews

White Background



This preview shows how the CIE LCh color 60, 54.664, 270.064 looks on a white background.

Color Contrast Check

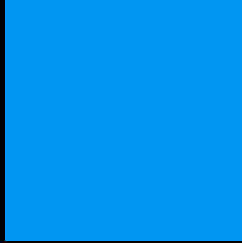
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 54.664, 270.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

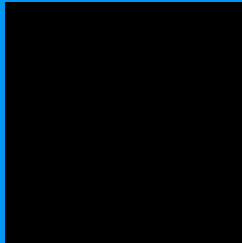
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

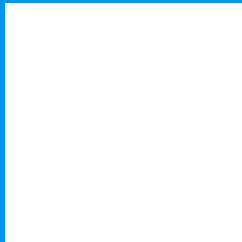
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 54.664, 270.064

Background



This preview shows how black text looks on a background with the CIELCh color 60, 54.664, 270.064.



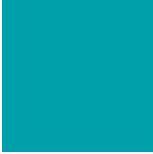
This preview shows how white text looks on a background with the CIELCh color 60, 54.664, 270.064.

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
60, 34.209, 207.223

Trichromacy



Original Color
60, 54.664, 270.064



Protanomaly
59, 53.047, 276.919



Deuteranomaly
60, 55.748, 274.812



Tritanomaly
60, 36.135, 236.636

Monochromacy



Original Color
60, 54.664, 270.064



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 24.681, 250.031

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 54.664, 270.064 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, 150, 241)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 241)  
}
```

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, 150, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 54.664, 270.064 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, 150, 241) }
```

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

```
.border{ border-color:rgb(0, 150, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 150, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 241);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 54.664, 270.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 241) }
```

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

```
.background{ background-color: rgb(0, 150,  
241) }
```

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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