

Converting Colors

CIELCh(47, 94.836, 269.980)

Have a look what the booklet for
CIELCh(47, 94.836, 269.980)
contains.

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Color

CIELCh(54, 75.731, 286.330)

Conversions

Conversions Part 1

Format	Color
Hex	077DFF
RGB	7, 125, 255
RGB Percent	3%, 49%, 100%
CMY	0.9734, 0.5102, 0.0000
CMYK	0.97, 0.51, 0.00, 0.00
HSL	211°, 100%, 51%
HSV	211°, 97%, 100%
XYZ	25.6275, 21.9746, 98.4028
YIQ	104.5380, -112.0580, 15.4140

Conversions

Conversions Part 2

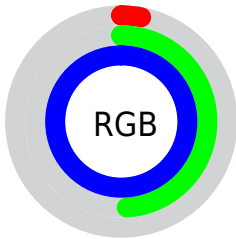
Format	Color
RYB	7, 87, 255
Decimal	491007
CIELab	54.00, 21.29, -72.68
CIElCh	54, 75.731, 286.330
Yxy	21.9746, 0.1755, 0.1505
Android (android.graphics.Color)	4278681087 (0xFF077DFF)
YUV	104.5380, 74.1778, -85.5408
Hunter-Lab	46.8770, 15.5504, -91.6457

Details

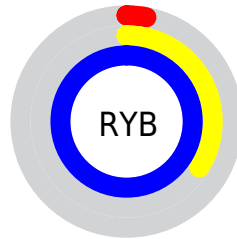
The CIELCh color **54, 75.731, 286.330** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark saturated azure. A complement of this color would be **69, 83.565, 62.592**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 44.774, 272.231**, and **37, 73.484, 293.230** is the 20% darker color. If you saturate the color by 10%, you get **53, 77.314, 287.273**, and if you desaturate by 10%, it is **58, 67.268, 281.646**.

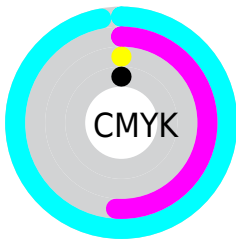
Distribution



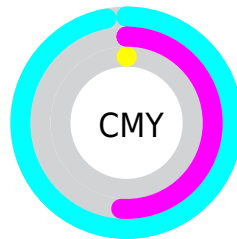
- Red (3%)
- Green (49%)
- Blue (100%)



- Red (3%)
- Yellow (34%)
- Blue (100%)



- Cyan (97%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (97%)
- Magenta (51%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 75.731, 286.330 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, 75.731, 286.330 by changing the saturation by 10% instead.


 54, 75.731,
286.330


 54, 75.731,
286.330


 100, 75.731,
286.330


 44, 75.731,
286.330


 74, 75.731,
286.330

 34, 75.731,
286.330

 84, 75.731,
286.330

 24, 75.731,
286.330

 94, 75.731,
286.330

 14, 75.731,
286.330

 4, 75.731, 286.330

 0, 75.731, 286.330

■ 54, 75.731,
286.330

■ 54, 75.731,
286.330

■ 53, 77.314,
287.273

■ 58, 67.268,
281.646

■ 62, 59.596,
277.335

■ 67, 52.055,
273.397

■ 71, 44.542,
269.927

■ 76, 36.979,
266.942

■ 81, 29.327,
264.411

■ 86, 21.576,
262.280

■ 91, 13.738,

260.494

■ 96, 5.837, 259.018

Harmonies

Complementary

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



54, 75.731, 286.330



69, 83.565, 62.592

Rectangle

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



54, 75.731, 286.330



54, 75.731, 336.330



54, 75.731, 106.330



54, 75.731, 156.330

Sweetspot

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



54, 75.164, 286.132



85, 22.865, 262.608



89, 87.053, 150.106



43, 15.658, 263.497



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, 75.164, 286.132



53, 77.314, 287.273



33, 132.598, 306.160



50, 4.515, 259.308



40, 61.171, 286.461



11, 24.789, 280.101

Inverse Universe

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



55, 84.104, 4.109



55, 84.449, 5.307



97, 96.477, 103.915



50, 6.282, 345.744



41, 68.056, 4.427



10, 31.662, 358.456

Previews

White Background



This preview shows how the CIE LCh color 54, 75.731, 286.330 looks on a white background.

Color Contrast Check

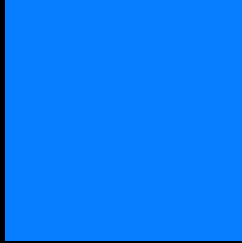
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 75.731, 286.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

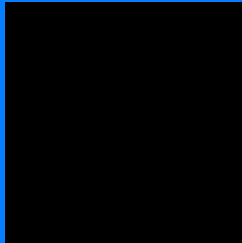
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

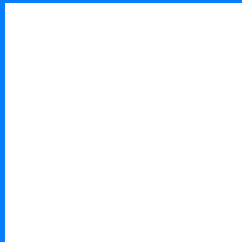
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 75.731, 286.330

Background



This preview shows how black text looks on a background with the CIELCh color 54, 75.731, 286.330.



This preview shows how white text looks on a background with the CIELCh color 54, 75.731, 286.330.

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



Original Color

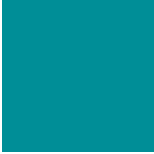
54, 75.105, 286.101

Protanopia

54, 74.909, 287.931

Deuteranopia

54, 57.186, 276.107



Tritanopia
54, 31.400, 206.250

Trichromacy



Original Color
54, 75.105, 286.101

Protanomaly
54, 75.010, 286.974

Deuteranomaly
54, 63.369, 280.229

Tritanomaly
53, 37.943, 252.557

Monochromacy



Original Color
54, 75.105, 286.101

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 29.908, 268.947

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 75.731, 286.330 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(7, 125, 255)` looks like.

```
.text, #text, p{  
    color:rgb(7, 125, 255)  
}
```

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(7, 125, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 125, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 75.731, 286.330 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(7, 125, 255) }
```

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

```
.border{ border-color:rgb(7, 125, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 125, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 125, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 125, 255);  
box-shadow:4px 4px 4px 4px rgb(7, 125,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 75.731, 286.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 125, 255) }
```

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

```
.background{ background-color: rgb(7, 125,  
255) }
```

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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