

Converting Colors

CIELCh(54, 76.472, 288.873)

Have a look what the booklet for
CIELCh(54, 76.472, 288.873)
contains.

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Color

CIELCh(54, 75.910, 288.599)

Conversions

Conversions Part 1

Format	Color
Hex	317BFF
RGB	49, 123, 255
RGB Percent	19%, 48%, 100%
CMY	0.8092, 0.5183, 0.0008
CMYK	0.81, 0.52, 0.00, 0.00
HSL	218°, 100%, 59%
HSV	218°, 81%, 100%
XYZ	26.3282, 21.9746, 97.2919
YIQ	115.9220, -86.4760, 25.3640

Conversions

Conversions Part 2

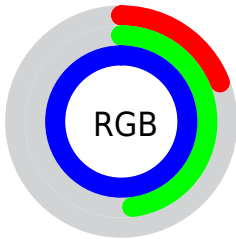
Format	Color
R _Y B	49, 103, 255
Decimal	3243007
CIE Lab	54.00, 24.21, -71.95
CIE LCh	54, 75.910, 288.599
Yxy	21.9746, 0.1808, 0.1509
Android (android.graphics.Color)	4281433087 (0xFF317BFF)
YUV	115.9220, 68.5655, -58.6906
Hunter-Lab	46.8770, 18.2188, -90.2408

Details

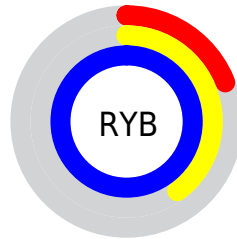
The CIELCh color **54, 75.910, 288.599** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **79, 73.965, 77.119**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 44.887, 277.209**, and **36, 74.141, 293.571** is the 20% darker color. If you saturate the color by 10%, you get **49, 86.202, 292.430**, and if you desaturate by 10%, it is **59, 65.846, 284.934**.

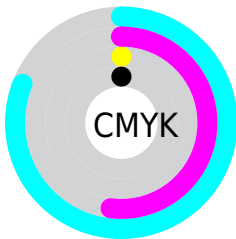
Distribution



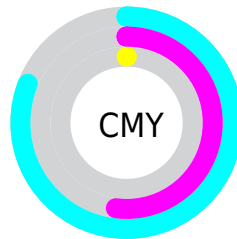
- Red (19%)
- Green (48%)
- Blue (100%)



- Red (19%)
- Yellow (40%)
- Blue (100%)



- Cyan (81%)
- Magenta (52%)
- Yellow (0%)
- Black (0%)





- Cyan (81%)
- Magenta (52%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 75.910, 288.599 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, 75.910, 288.599 by changing the saturation by 10% instead.


 54, 75.910,
288.599


 54, 75.910,
288.599


 100, 75.910,
288.599

 44, 75.910,
288.599

 74, 75.910,
288.599

 34, 75.910,
288.599

 84, 75.910,
288.599

 24, 75.910,
288.599

 94, 75.910,
288.599

 14, 75.910,
288.599

 4, 75.910, 288.599

 0, 75.910, 288.599

■ 54, 75.910,
288.599

■ 54, 75.910,
288.599

■ 49, 86.202,
292.430

■ 59, 65.846,
284.934

■ 45, 95.603,
295.809

■ 65, 56.049,
281.588

■ 70, 46.483,
278.632

■ 76, 37.097,
276.075

■ 82, 27.851,
273.888

■ 88, 18.726,
272.028

■ 93, 9.713, 270.452

■ 99, 0.813, 269.443

100, 0.090,
109.314

Harmonies

Complementary

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



54, 75.910, 288.599



79, 73.965, 77.119

Rectangle

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



54, 75.910, 288.599



54, 75.910, 338.599



54, 75.910, 108.599



54, 75.910, 158.599

Sweetspot

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



54, 75.910, 288.600



86, 21.549, 272.571



90, 68.761, 160.676



44, 14.836, 273.232



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, 75.910, 288.600



47, 92.566, 294.741



39, 117.734, 305.557



50, 5.062, 270.253



34, 75.648, 295.144



9, 30.343, 289.774

Inverse Universe

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



57, 78.476, 7.336



54, 85.030, 15.118



95, 91.283, 110.450



50, 5.849, 352.788



40, 69.007, 15.684



10, 31.294, 8.195

Previews

White Background



This preview shows how the CIE LCh color 54, 75.910, 288.599 looks on a white background.

Color Contrast Check

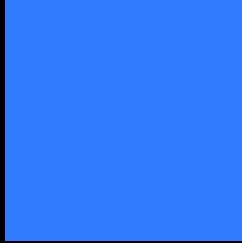
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75.910, 288.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

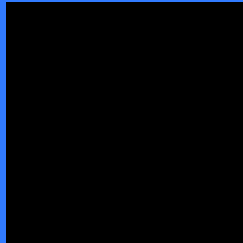
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

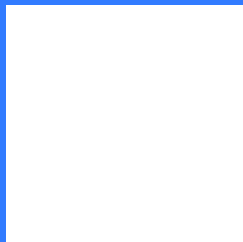
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 75.910, 288.599

Background



This preview shows how black text looks on a background with the CIELCh color 54, 75.910, 288.599.



This preview shows how white text looks on a background with the CIELCh color 54, 75.910, 288.599.

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, 75.910, 288.599

Protanopia

54, 75.419, 287.725

Deuteranopia

54, 57.186, 276.107



Tritanopia
54, 31.340, 207.379

Trichromacy



Original Color
54, 75.910, 288.599

Protanomaly
54, 75.379, 287.913

Deuteranomaly
54, 63.813, 281.157

Tritanomaly
53, 37.858, 254.440

Monochromacy



Original Color
54, 75.910, 288.599

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 28.906, 277.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 75.910, 288.599 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(49, 123, 255)` looks like.

```
.text, #text, p{  
    color:rgb(49, 123, 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(49, 123, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 123, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 75.910, 288.599 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(49, 123, 255) }
```

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

```
.border{ border-color:rgb(49, 123, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 123, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 123, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 123, 255);  
box-shadow:4px 4px 4px 4px rgb(49, 123,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 75.910, 288.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 123, 255) }
```

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

```
.background{ background-color: rgb(49, 123,  
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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