

Converting Colors

CIELCh(54, 72.229, 289.530)

Have a look what the booklet for
CIELCh(54, 72.229, 289.530)
contains.

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Color

CIELCh(54, 72.426, 289.575)

Conversions

Conversions Part 1

Format	Color
Hex	447AF8
RGB	68, 122, 248
RGB Percent	27%, 48%, 97%
CMY	0.7324, 0.5211, 0.0268
CMYK	0.73, 0.51, 0.00, 0.03
HSL	222°, 93%, 62%
HSV	222°, 73%, 97%
XYZ	26.3415, 21.9746, 91.7848
YIQ	120.2180, -72.6300, 27.7380

Conversions

Conversions Part 2

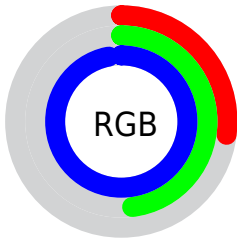
Format	Color
R_{YB}	68, 110, 248
Decimal	4487928
CIE _{Lab}	54.00, 24.27, -68.24
CIE _{LCh}	54, 72.426, 289.575
Yxy	21.9746, 0.1880, 0.1568
Android (android.graphics.Color)	4282678008 (0xFF447AF8)
YUV	120.2180, 62.9965, -45.7952
Hunter-Lab	46.8770, 18.2693, -83.2754

Details

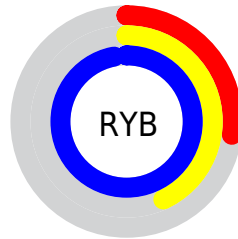
The CIELCh color **54, 72.426, 289.575** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **81, 67.786, 83.801**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 44.856, 280.910**, and **35, 72.080, 293.375** is the 20% darker color. If you saturate the color by 10%, you get **49, 83.522, 293.031**, and if you desaturate by 10%, it is **60, 61.603, 286.361**.

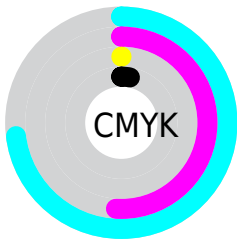
Distribution



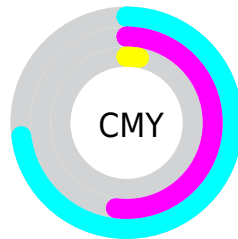
- Red (27%)
- Green (48%)
- Blue (97%)



- Red (27%)
- Yellow (43%)
- Blue (97%)



- Cyan (73%)
- Magenta (51%)
- Yellow (0%)
- Black (3%)





- Cyan (73%)
- Magenta (52%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 72.426, 289.575 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, 72.426, 289.575 by changing the saturation by 10% instead.


 54, 72.426,
289.575


 54, 72.426,
289.575


 100, 72.426,
289.575

 44, 72.426,
289.575


 74, 72.426,
289.575

 34, 72.426,
289.575

 84, 72.426,
289.575

 24, 72.426,
289.575

 94, 72.426,
289.575

 14, 72.426,
289.575

 4, 72.426, 289.575

 0, 72.426, 289.575

■ 54, 72.426,
289.575

■ 54, 72.426,
289.575

■ 49, 83.522,
293.031

■ 60, 61.603,
286.361

■ 44, 94.674,
296.534

■ 66, 51.099,
283.484

■ 41, 102.796,
298.994

■ 72, 40.889,
280.975

■ 78, 30.932,
278.817

■ 84, 21.198,
276.975

■ 90, 11.666,
275.408

■ 96, 2.323, 274.146

■ 100, 3.461,
109.897

Harmonies

Complementary

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



54, 72.426, 289.575



81, 67.786, 83.801

Rectangle

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



54, 72.426, 289.575



54, 72.426, 339.575



54, 72.426, 109.575



54, 72.426, 159.575

Sweetspot

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



54, 72.426, 289.576



86, 21.174, 276.895



88, 58.495, 166.987



44, 14.266, 277.363



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, 72.426, 289.576



48, 90.537, 294.657



44, 103.699, 305.618



49, 5.318, 274.987



31, 82.261, 298.425



7, 32.142, 293.090

Inverse Universe

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



58, 71.466, 9.077



55, 82.385, 15.318



92, 84.344, 113.812



49, 5.571, 356.841



40, 69.973, 21.242



9, 30.573, 12.058

Previews

White Background



This preview shows how the CIE LCh color 54, 72.426, 289.575 looks on a white background.

Color Contrast Check

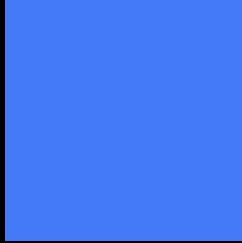
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.426, 289.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

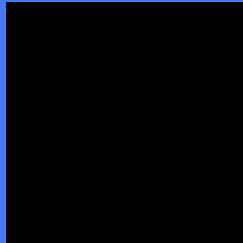
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

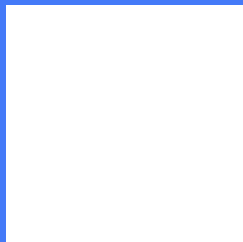
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 72.426, 289.575

Background



This preview shows how black text looks on a background with the CIELCh color 54, 72.426, 289.575.



This preview shows how white text looks on a background with the CIELCh color 54, 72.426, 289.575.

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, 72.426, 289.575

Protanopia

54, 72.583, 287.655

Deuteranopia

54, 58.197, 276.770



Tritanopia
54, 31.291, 208.511

Trichromacy



Original Color
54, 72.426, 289.575

Protanomaly
54, 72.544, 288.372

Deuteranomaly
54, 63.216, 281.203

Tritanomaly
53, 37.227, 254.274

Monochromacy



Original Color
54, 72.426, 289.575

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 27.309, 279.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 72.426, 289.575 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(68, 122, 248)` looks like.

```
.text, #text, p{  
    color:rgb(68, 122, 248)  
}
```

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(68, 122, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 122, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 72.426, 289.575 is called "border". The border property can be set on classes, ids or directly on the HTML element.

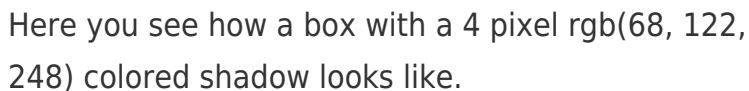
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(68, 122, 248) }
```

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

```
.border{ border-color:rgb(68, 122, 248) }
```

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



Here you see how a box with a 4 pixel rgb(68, 122, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 122, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 122, 248);  
box-shadow:4px 4px 4px 4px rgb(68, 122,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 72.426, 289.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 122, 248) }
```

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

```
.background{ background-color: rgb(68, 122,  
248) }
```

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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