

Converting Colors

CIELCh(54, 63.613, 280.351)

Have a look what the booklet for
CIELCh(54, 63.613, 280.351)
contains.

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Color

CIELCh(54, 63.875, 280.549)

Conversions

Conversions Part 1

Format	Color
Hex	0581EE
RGB	5, 129, 238
RGB Percent	2%, 51%, 93%
CMY	0.9790, 0.4933, 0.0658
CMYK	0.98, 0.46, 0.00, 0.07
HSL	208°, 96%, 48%
HSV	208°, 98%, 93%
XYZ	23.4100, 21.9746, 84.0761
YIQ	104.3500, -108.8930, 7.6110

Conversions

Conversions Part 2

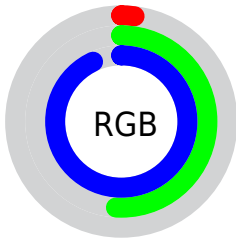
Format	Color
R _Y B	5, 86, 238
Decimal	360942
CIE Lab	54.00, 11.69, -62.80
CIE LCh	54, 63.875, 280.549
Yxy	21.9746, 0.1808, 0.1697
Android (android.graphics.Color)	4278551022 (0xFF0581EE)
YUV	104.3500, 65.8894, -87.1300
Hunter-Lab	46.8770, 7.1065, -73.5254

Details

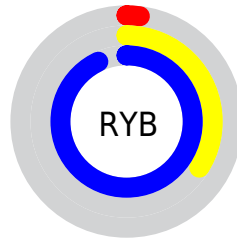
The CIELCh color **54, 63.875, 280.549** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **62, 81.247, 57.977**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 43.421, 268.046**, and **36, 61.784, 288.734** is the 20% darker color. If you saturate the color by 10%, you get **53, 65.318, 281.581**, and if you desaturate by 10%, it is **57, 57.658, 275.789**.

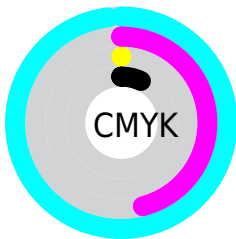
Distribution



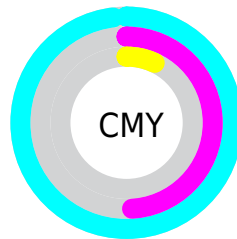
- Red (2%)
- Green (51%)
- Blue (93%)



- Red (2%)
- Yellow (34%)
- Blue (93%)



- Cyan (98%)
- Magenta (46%)
- Yellow (0%)
- Black (7%)



- Cyan (98%)
- Magenta (49%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 63.875, 280.549 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, 63.875, 280.549 by changing the saturation by 10% instead.


 54, 63.875,
280.549

 54, 63.875,
280.549

 100, 63.875,
280.549

 44, 63.875,
280.549


 74, 63.875,
280.549

 34, 63.875,
280.549

 84, 63.875,
280.549

 24, 63.875,
280.549

 94, 63.875,
280.549

 14, 63.875,
280.549

 4, 63.875, 280.549

 0, 63.875, 280.549

■ 54, 63.875,
280.549

■ 54, 63.875,
280.549

■ 53, 65.318,
281.581

■ 57, 57.658,
275.789

■ 61, 51.587,
271.283

■ 65, 45.520,
267.229

■ 69, 39.342,
263.703

■ 73, 32.980,
260.706

■ 77, 26.407,
258.193

■ 82, 19.631,
256.099

■ 86, 12.677,

254.361

■ 91, 5.581, 252.944

Harmonies

Complementary

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



54, 63.875, 280.549



62, 81.247, 57.977

Rectangle

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



54, 63.875, 280.549



54, 63.875, 330.549



54, 63.875, 100.549



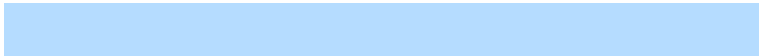
54, 63.875, 150.549

Sweetspot

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



54, 63.875, 280.551



86, 21.647, 256.361



83, 87.039, 147.631



44, 14.784, 257.232



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, 63.875, 280.551



57, 69.013, 281.767



31, 124.755, 305.846



48, 4.107, 253.164



41, 52.891, 280.743



11, 20.219, 272.759

Inverse Universe

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



52, 80.708, 358.849



55, 85.119, 359.876



89, 89.405, 100.749



47, 6.198, 342.707



40, 66.661, 358.992



8, 29.769, 353.155

Previews

White Background



This preview shows how the CIE LCh color 54, 63.875, 280.549 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, 63.875, 280.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

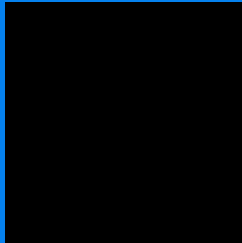
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

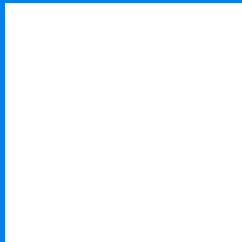
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 63.875, 280.549

Background



This preview shows how black text looks on a background with the CIELCh color 54, 63.875, 280.549.




This preview shows how white text looks on a background with the CIELCh color 54, 63.875, 280.549.

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
54, 31.565, 206.186

Trichromacy



Original Color
54, 63.868, 280.575

Protanomaly
54, 63.390, 283.396

Deuteranomaly
54, 60.757, 278.598

Tritanomaly
54, 35.444, 245.454

Monochromacy



Original Color
54, 63.868, 280.575

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 26.124, 261.821

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 63.875, 280.549 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(5, 129, 238)` looks like.

```
.text, #text, p{  
    color:rgb(5, 129, 238)  
}
```

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(5, 129, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 129, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 63.875, 280.549 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(5, 129, 238) }
```

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

```
.border{ border-color:rgb(5, 129, 238) }
```

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

Here you see how a box with a 4 pixel rgb(5, 129, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 129, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 129, 238);  
box-shadow:4px 4px 4px 4px rgb(5, 129,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 63.875, 280.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 129, 238) }
```

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

```
.background{ background-color: rgb(5, 129,  
238) }
```

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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