

Converting Colors

CIELCh(54, 63.007, 294.100)

Have a look what the booklet for
CIELCh(54, 63.007, 294.100)
contains.

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Color

CIELCh(54, 63.145, 294.259)

Conversions

Conversions Part 1

Format	Color
Hex	6A77E5
RGB	106, 119, 229
RGB Percent	42%, 47%, 90%
CMY	0.5836, 0.5327, 0.1012
CMYK	0.54, 0.48, 0.00, 0.10
HSL	234°, 70%, 66%
HSV	234°, 54%, 90%
XYZ	26.7504, 21.9746, 77.0944
YIQ	127.6530, -43.0580, 31.4540

Conversions

Conversions Part 2

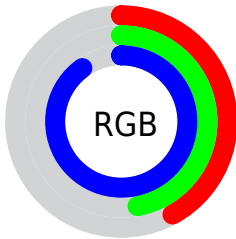
Format	Color
R _Y B	106, 118, 229
Decimal	6977509
CIE Lab	54.00, 25.94, -57.57
CIE LCh	54, 63.145, 294.259
Yxy	21.9746, 0.2126, 0.1747
Android (android.graphics.Color)	4285167589 (0xFF6A77E5)
YUV	127.6530, 49.9641, -18.9897
Hunter-Lab	46.8770, 19.8264, -64.6950

Details

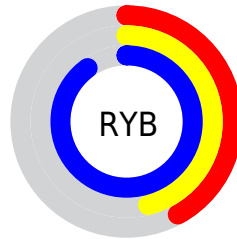
The CIELCh color **54, 63.145, 294.259** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **85, 55.858, 99.762**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 45.679, 292.179**, and **34, 63.323, 294.348** is the 20% darker color. If you saturate the color by 10%, you get **47, 76.331, 296.713**, and if you desaturate by 10%, it is **61, 50.370, 292.064**.

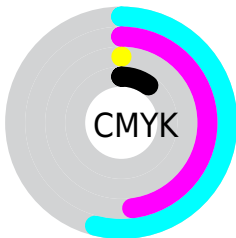
Distribution



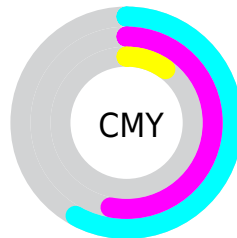
- Red (42%)
- Green (47%)
- Blue (90%)



- Red (42%)
- Yellow (46%)
- Blue (90%)



- Cyan (54%)
- Magenta (48%)
- Yellow (0%)
- Black (10%)





- Cyan (58%)
- Magenta (53%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 63.145, 294.259 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, 63.145, 294.259 by changing the saturation by 10% instead.


 54, 63.145,
294.259


 54, 63.145,
294.259


 100, 63.145,
294.259


 44, 63.145,
294.259


 74, 63.145,
294.259

 34, 63.145,
294.259

 84, 63.145,
294.259

 24, 63.145,
294.259

 94, 63.145,
294.259

 14, 63.145,
294.259

 4, 63.145, 294.259

 0, 63.145, 294.259

■ 54, 63.145,
294.259

■ 54, 63.145,
294.259

■ 47, 76.331,
296.713

■ 61, 50.370,
292.064

■ 41, 89.641,
299.319

■ 68, 38.081,
290.155

■ 36, 102.343,
301.868

■ 75, 26.267,
288.519

■ 32, 113.093,
304.054

■ 82, 14.897,
287.127

■ 30, 118.178,
305.078

■ 88, 3.932, 285.961

■ 95, 6.656, 104.898

■ 99, 13.065,
109.190

Harmonies

Complementary

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



54, 63.145, 294.259



85, 55.858, 99.762

Rectangle

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



54, 63.145, 294.259



54, 63.145, 344.259



54, 63.145, 114.259



54, 63.145, 164.259

Sweetspot

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



54, 63.144, 294.260



88, 19.102, 287.444



84, 37.940, 185.255



45, 12.944, 287.725



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, 63.144, 294.260



52, 83.775, 296.895



55, 71.315, 308.347



44, 6.154, 286.607



23, 97.120, 304.815



3, 31.218, 294.645

Inverse Universe

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



60, 51.500, 18.321



62, 67.636, 21.359



86, 64.180, 122.232



45, 4.854, 11.439



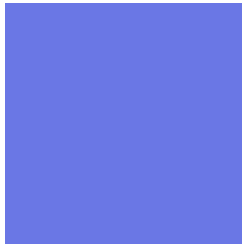
37, 75.530, 35.446



6, 26.808, 17.389

Previews

White Background



This preview shows how the CIELCh color 54, 63.145, 294.259 looks on a white background.

Color Contrast Check

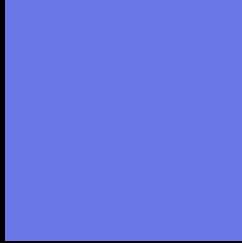
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.145, 294.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

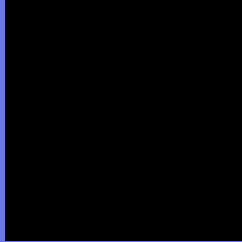
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 63.145, 294.259

Background



This preview shows how black text looks on a background with the CIELCh color 54, 63.145, 294.259.



This preview shows how white text looks on a background with the CIELCh color 54, 63.145, 294.259.

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, 20.287, 216.055

Trichromacy



Original Color
54, 63.145, 294.259

Protanomaly
54, 63.284, 289.434

Deuteranomaly
54, 59.291, 284.037

Tritanomaly
54, 29.384, 267.330

Monochromacy



Original Color
54, 63.145, 294.259

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 23.152, 288.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 63.145, 294.259 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(106, 119, 229)` looks like.

```
.text, #text, p{  
    color:rgb(106, 119, 229)  
}
```

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(106, 119, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 119, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 63.145, 294.259 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(106, 119, 229) }
```

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

```
.border{ border-color:rgb(106, 119, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 119, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 119, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 119, 229);  
box-shadow:4px 4px 4px 4px rgb(106, 119,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 63.145, 294.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 119, 229) }
```

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

```
.background{ background-color: rgb(106,  
119, 229) }
```

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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