

Converting Colors

CIELCh(54, 61.227, 293.953)

Have a look what the booklet for
CIELCh(54, 61.227, 293.953)
contains.

CIELCh(54, 60.850, 293.850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 60.850, 293.850)

Conversions

Conversions Part 1

Format	Color
Hex	6B78E2
RGB	107, 120, 226
RGB Percent	42%, 47%, 89%
CMY	0.5813, 0.5302, 0.1146
CMYK	0.53, 0.47, 0.00, 0.11
HSL	233°, 67%, 65%
HSV	233°, 53%, 89%
XYZ	26.4237, 21.9746, 74.6360
YIQ	128.1970, -41.7740, 30.2100

Conversions

Conversions Part 2

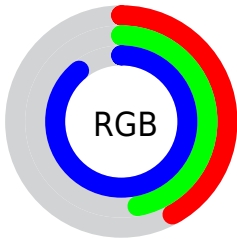
Format	Color
RYB	107, 119, 226
Decimal	7043298
CIELab	54.00, 24.60, -55.65
CIElCh	54, 60.850, 293.850
Yxy	21.9746, 0.2148, 0.1786
Android (android.graphics.Color)	4285233378 (0xFF6B78E2)
YUV	128.1970, 48.2169, -18.5898
Hunter-Lab	46.8770, 18.5822, -61.5856

Details

The CIELCh color `54, 60.850, 293.850` is a light color, and the websafe version is hex `6666CC`. A complement of this color would be `84, 54.095, 99.638`, and the grayscale version is `53, 0.007, 296.813`.

A 20% lighter version of the original color is `73, 45.105, 291.708`, and `34, 60.877, 293.776` is the 20% darker color. If you saturate the color by 10%, you get `48, 73.779, 296.288`, and if you desaturate by 10%, it is `61, 48.342, 291.679`.

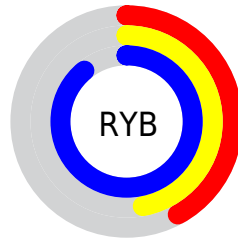
Distribution



Red (42%)

Green (47%)

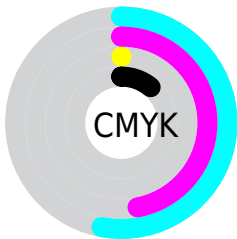
Blue (89%)



Red (42%)

Yellow (47%)

Blue (89%)

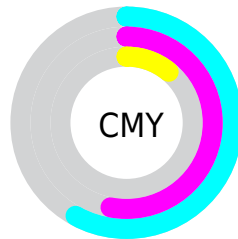


Cyan (53%)

Magenta (47%)

Yellow (0%)

Black (11%)



Cyan (58%)


Magenta (53%)


Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 60.850, 293.850 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, 60.850, 293.850 by changing the saturation by 10% instead.


 54, 60.850,
293.850


 54, 60.850,
293.850


 100, 60.850,
293.850

 44, 60.850,
293.850


 74, 60.850,
293.850

 34, 60.850,
293.850

 84, 60.850,
293.850

 24, 60.850,
293.850

 94, 60.850,
293.850

 14, 60.850,
293.850

 4, 60.850, 293.850

 0, 60.850, 293.850

54, 60.850,
293.850

54, 60.850,
293.850

48, 73.779,
296.288

61, 48.342,
291.679

41, 86.887,
298.898

67, 36.311,
289.794

36, 99.530,
301.484

74, 24.743,
288.181

32, 110.474,
303.753

81, 13.603,
286.808

30, 116.497,
304.992

88, 2.858, 285.669

95, 7.524, 104.608

99, 14.788,
109.060

Harmonies

Complementary

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



54, 60.850, 293.850



84, 54.095, 99.638

Rectangle

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



54, 60.850, 293.850



54, 60.850, 343.850



54, 60.850, 113.850



54, 60.850, 163.850

Sweetspot

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



54, 60.849, 293.851



88, 19.016, 287.249



83, 36.993, 185.349



45, 12.886, 287.531



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, 60.849, 293.851



53, 81.917, 296.471



55, 69.153, 308.275



43, 6.015, 286.407



22, 95.762, 304.718



3, 29.237, 293.498

Inverse Universe

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



60, 49.860, 17.769



62, 66.465, 20.736



85, 62.383, 122.269



44, 4.768, 11.111



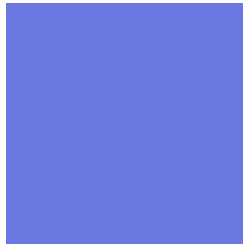
37, 74.498, 35.175



6, 25.335, 16.320

Previews

White Background



This preview shows how the CIELCh color 54, 60.850, 293.850 looks on a white background.

Color Contrast Check

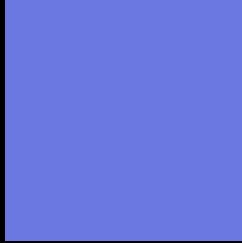
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.850, 293.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

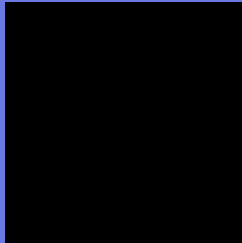
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 60.850, 293.850

Background



This preview shows how black text looks on a background with the CIELCh color 54, 60.850, 293.850.

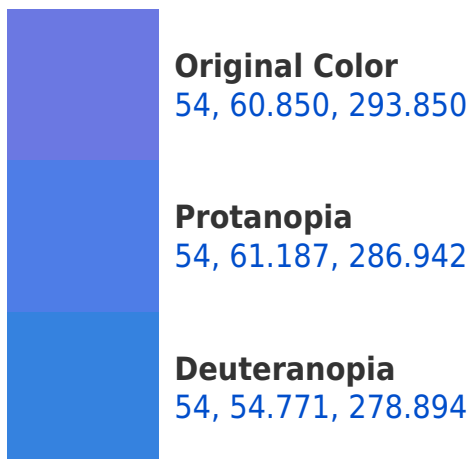


This preview shows how white text looks on a background with the CIELCh color 54, 60.850, 293.850.

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](#).

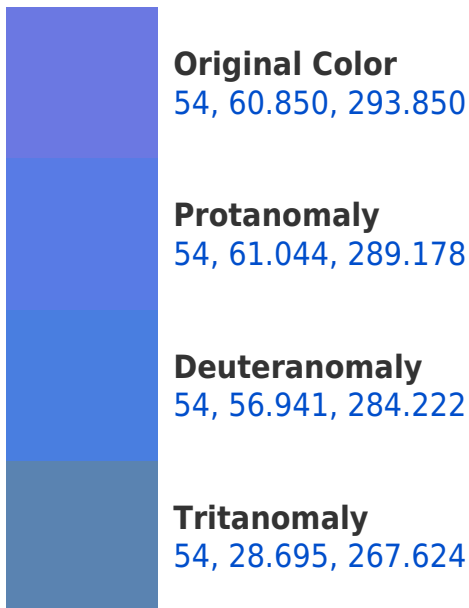
Dichromacy



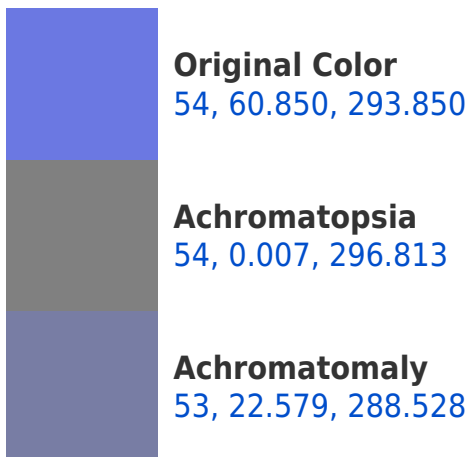


Tritanopia
54, 19.548, 216.836

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 60.850, 293.850 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(107, 120, 226)` looks like.

```
.text, #text, p{  
    color:rgb(107, 120, 226)  
}
```

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(107, 120, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 120, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 60.850, 293.850 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(107, 120, 226) }
```

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

```
.border{ border-color:rgb(107, 120, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 120, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 120, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 120, 226); box-shadow:4px 4px 4px 4px rgb(107, 120, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 60.850, 293.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 120, 226) }
```

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

```
.background{ background-color: rgb(107,  
120, 226) }
```

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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