

Converting Colors

CIELCh(54, 61.920, 297.111)

Have a look what the booklet for
CIELCh(54, 61.920, 297.111)
contains.

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Color

CIELCh(54, 62.056, 297.110)

Conversions

Conversions Part 1

Format	Color
Hex	7575E1
RGB	117, 117, 225
RGB Percent	46%, 46%, 88%
CMY	0.5408, 0.5408, 0.1172
CMYK	0.48, 0.48, 0.00, 0.12
HSL	240°, 64%, 67%
HSV	240°, 48%, 88%
XYZ	27.3264, 21.9746, 74.1094
YIQ	129.3120, -34.6680, 33.5880

Conversions

Conversions Part 2

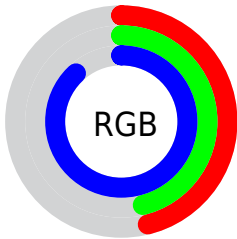
Format	Color
RYB	117, 117, 225
Decimal	7697889
CIELab	54.00, 28.28, -55.24
CIElCh	54, 62.056, 297.110
Yxy	21.9746, 0.2214, 0.1781
Android (android.graphics.Color)	4285887969 (0xFF7575E1)
YUV	129.3120, 47.1742, -10.7976
Hunter-Lab	46.8770, 22.0196, -60.9195

Details

The CIELCh color $54, 62.056, 297.110$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $88, 54.377, 105.610$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 46.861, 296.351$, and $34, 62.009, 297.144$ is the 20% darker color. If you saturate the color by 10%, you get $47, 76.453, 299.223$, and if you desaturate by 10%, it is $61, 48.086, 295.221$.

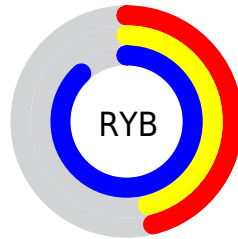
Distribution



Red (46%)

Green (46%)

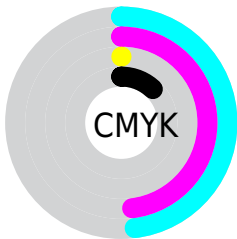
Blue (88%)



Red (46%)

Yellow (46%)

Blue (88%)

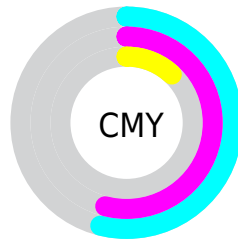


Cyan (48%)

Magenta (48%)

Yellow (0%)

Black (12%)



Cyan (54%)


Magenta (54%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 62.056, 297.110 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, 62.056, 297.110 by changing the saturation by 10% instead.


 54, 62.056,
297.110


 54, 62.056,
297.110


 100, 62.056,
297.110


 44, 62.056,
297.110


 74, 62.056,
297.110

 34, 62.056,
297.110

 84, 62.056,
297.110

 24, 62.056,
297.110

 94, 62.056,
297.110

 14, 62.056,
297.110

 4, 62.056, 297.110

 0, 62.056, 297.110

■ 54, 62.056,
297.110

■ 54, 62.056,
297.110

■ 47, 76.453,
299.223

■ 61, 48.086,
295.221

■ 40, 90.858,
301.449

■ 69, 34.671,
293.583

■ 35, 104.254,
303.560

■ 76, 21.817,
292.186

■ 31, 114.837,
305.217

■ 84, 9.494, 291.005

■ 28, 120.848,
306.145

■ 91, 2.338, 109.964

■ 28, 121.780,
306.288

■ 98, 13.717,
109.138

■ 99, 15.125,
109.034

Harmonies

Complementary

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



54, 62.056, 297.110



88, 54.377, 105.610

Rectangle

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



54, 62.056, 297.110



54, 62.056, 347.110



54, 62.056, 117.110



54, 62.056, 167.110

Sweetspot

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



54, 62.055, 297.111



89, 18.644, 291.702



84, 32.485, 197.228



45, 12.928, 291.969



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, 62.055, 297.111



53, 84.676, 299.315



59, 63.091, 311.511



43, 6.754, 291.164



21, 101.304, 306.288



2, 31.634, 295.832

Inverse Universe

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



65, 67.713, 326.961



69, 88.026, 327.396



84, 58.766, 126.834



44, 8.153, 324.943



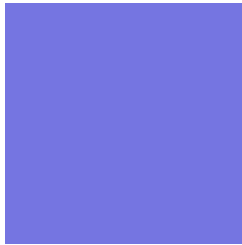
42, 87.480, 328.238



8, 35.922, 328.233

Previews

White Background



This preview shows how the CIELCh color 54, 62.056, 297.110 looks on a white background.

Color Contrast Check

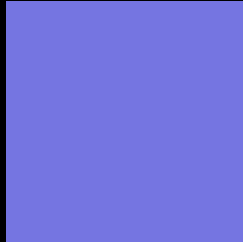
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.056, 297.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

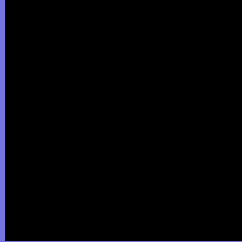
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 62.056, 297.110

Background



This preview shows how black text looks on a background with the CIELCh color 54, 62.056, 297.110.

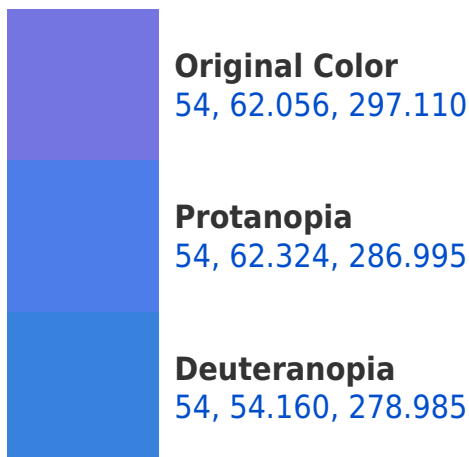



This preview shows how white text looks on a background with the CIELCh color 54, 62.056, 297.110.

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](#).

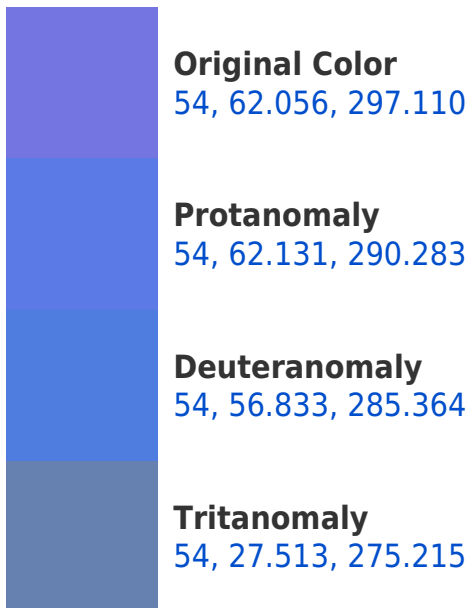
Dichromacy



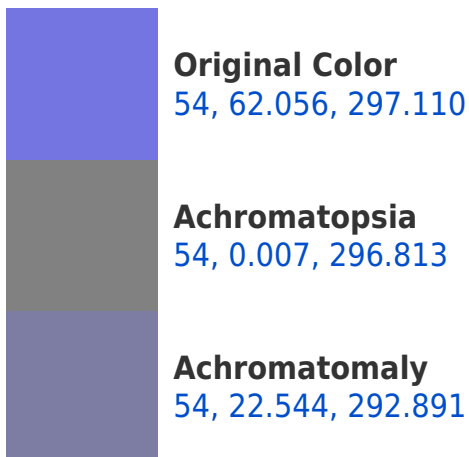


Tritanopia
54, 15.446, 220.197

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 62.056, 297.110 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(117, 117, 225)` looks like.

```
.text, #text, p{  
    color:rgb(117, 117, 225)  
}
```

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(117, 117, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 117, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 62.056, 297.110 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(117, 117, 225) }
```

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

```
.border{ border-color:rgb(117, 117, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 117, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 117, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 117, 225);  
box-shadow:4px 4px 4px 4px rgb(117, 117,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 62.056, 297.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 117, 225) }
```

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

```
.background{ background-color: rgb(117,  
117, 225) }
```

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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