

Converting Colors

CIELCh(55, 61.313, 300.626)

Have a look what the booklet for
CIELCh(55, 61.313, 300.626)
contains.

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Color

CIELCh(55, 61.492, 300.546)

Conversions

Conversions Part 1

Format	Color
Hex	8375E0
RGB	131, 117, 224
RGB Percent	51%, 46%, 88%
CMY	0.4863, 0.5412, 0.1216
CMYK	0.42, 0.48, 0.00, 0.12
HSL	248°, 63%, 67%
HSV	248°, 48%, 88%
XYZ	29.1760, 22.9298, 73.4093
YIQ	133.3840, -26.0030, 36.2450

Conversions

Conversions Part 2

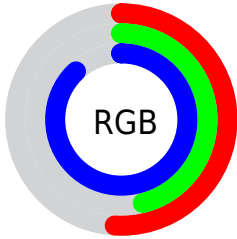
Format	Color
RYB	131, 117, 224
Decimal	8615392
CIELab	55.00, 31.25, -52.96
CIElCh	55, 61.492, 300.546
Yxy	22.9298, 0.2324, 0.1827
Android (android.graphics.Color)	4286805472 (0xFF8375E0)
YUV	133.3840, 44.6737, -2.0908
Hunter-Lab	47.8851, 24.9595, -57.3737

Details

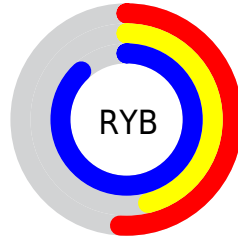
The CIELCh color $55, 61.492, 300.546$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $86, 54.260, 111.686$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 47.171, 301.590$, and $35, 61.779, 300.781$ is the 20% darker color. If you saturate the color by 10%, you get $48, 75.591, 302.064$, and if you desaturate by 10%, it is $62, 47.697, 299.158$.

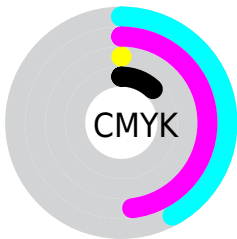
Distribution



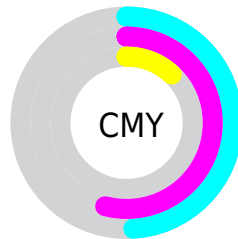
- Red (51%)
- Green (46%)
- Blue (88%)



- Red (51%)
- Yellow (46%)
- Blue (88%)



- Cyan (42%)
- Magenta (48%)
- Yellow (0%)
- Black (12%)





- Cyan (49%)
- Magenta (54%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 61.492, 300.546 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 55, 61.492, 300.546 by changing the saturation by 10% instead.


 55, 61.492,
300.546


 55, 61.492,
300.546


 100, 61.492,
300.546


 45, 61.492,
300.546


 75, 61.492,
300.546

 35, 61.492,
300.546

 85, 61.492,
300.546

 25, 61.492,
300.546

 95, 61.492,
300.546

 15, 61.492,
300.546

 5, 61.492, 300.546

 0, 61.492, 300.546

■ 55, 61.492,
300.546

■ 55, 61.492,
300.546

■ 48, 75.591,
302.064

■ 62, 47.697,
299.158

■ 42, 89.577,
303.626

■ 69, 34.370,
297.928

■ 36, 102.555,
305.068

■ 76, 21.554,
296.859

■ 32, 113.016,
306.141

■ 84, 9.242, 295.938

■ 91, 2.592, 115.141

■ 29, 119.395,
306.624

■ 98, 13.979,
114.470

■ 29, 120.500,
306.714

■ 99, 15.682,
108.992

Harmonies

Complementary

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



55, 61.492, 300.546



86, 54.260, 111.686

Rectangle

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



55, 61.492, 300.546



55, 61.492, 350.546



55, 61.492, 120.546



55, 61.492, 170.546

Sweetspot

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



55, 61.491, 300.547



89, 18.731, 296.505



80, 28.855, 210.987



46, 12.987, 296.712



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55, 61.491, 300.547



55, 82.814, 302.009



60, 63.286, 315.137



43, 6.788, 296.083



21, 100.491, 306.790



2, 31.855, 298.994

Inverse Universe

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



64, 61.547, 331.123



68, 79.539, 331.709



83, 60.240, 130.774



44, 7.452, 328.760



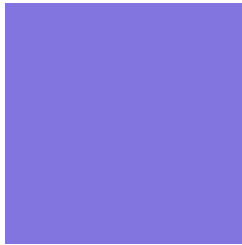
40, 78.996, 334.210



7, 32.889, 333.103

Previews

White Background



This preview shows how the CIELCh color 55, 61.492, 300.546 looks on a white background.

Color Contrast Check

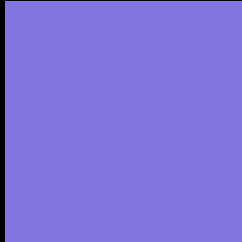
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 61.492, 300.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

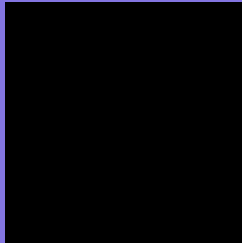
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 61.492, 300.546

Background



This preview shows how black text looks on a background with the CIELCh color 55, 61.492, 300.546.

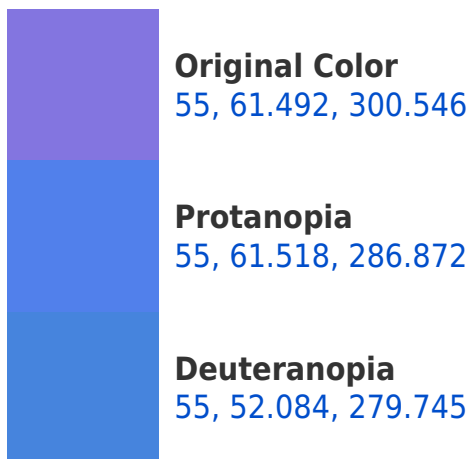


This preview shows how white text looks on a background with the CIELCh color 55, 61.492, 300.546.

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
55, 10.310, 236.773

Trichromacy



Original Color
55, 61.492, 300.546

Protanomaly
55, 61.304, 291.185

Deuteranomaly
55, 54.723, 287.029

Tritanomaly
54, 26.563, 286.841

Monochromacy



Original Color
55, 61.492, 300.546

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 22.569, 297.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 61.492, 300.546 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(131, 117, 224)` looks like.

```
.text, #text, p{  
    color:rgb(131, 117, 224)  
}
```

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(131, 117, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 117, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 61.492, 300.546 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(131, 117, 224) }
```

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

```
.border{ border-color:rgb(131, 117, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 117, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 117, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 117, 224);  
box-shadow:4px 4px 4px 4px rgb(131, 117,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 61.492, 300.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 117, 224) }
```

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

```
.background{ background-color: rgb(131,  
117, 224) }
```

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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