

Converting Colors

CIELCh(61, 73.074, 313.575)

Have a look what the booklet for
CIELCh(61, 73.074, 313.575)
contains.

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Color

CIELCh(61, 72.969, 313.429)

Conversions

Conversions Part 1

Format	Color
Hex	BA74F2
RGB	186, 116, 242
RGB Percent	73%, 45%, 95%
CMY	0.2715, 0.5459, 0.0519
CMYK	0.23, 0.52, 0.00, 0.05
HSL	273°, 83%, 70%
HSV	273°, 52%, 95%
XYZ	42.4054, 29.2481, 87.2291
YIQ	151.2940, 1.2740, 54.0260

Conversions

Conversions Part 2

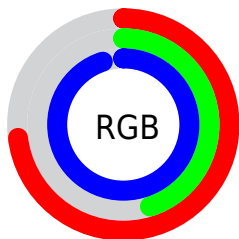
Format	Color
R _Y B	186, 116, 242
Decimal	12219634
CIE Lab	61.00, 50.16, -52.99
CIE LCh	61, 72.969, 313.429
Yxy	29.2481, 0.2669, 0.1841
Android (android.graphics.Color)	4290409714 (0xFFBA74F2)
YUV	151.2940, 44.7181, 30.4372
Hunter-Lab	54.0815, 45.3194, -57.7728

Details

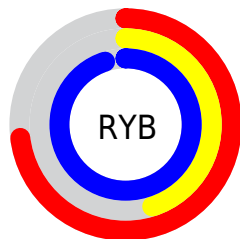
The CIELCh color $61, 72.969, 313.429$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $89, 68.268, 128.582$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 51.459, 322.446$, and $41, 73.026, 313.580$ is the 20% darker color. If you saturate the color by 10%, you get $55, 86.429, 313.807$, and if you desaturate by 10%, it is $67, 58.858, 312.967$.

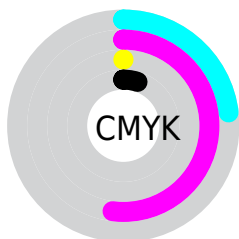
Distribution



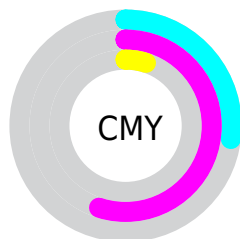
- Red (73%)
- Green (45%)
- Blue (95%)



- Red (73%)
- Yellow (45%)
- Blue (95%)



- Cyan (23%)
- Magenta (52%)
- Yellow (0%)
- Black (5%)





- Cyan (27%)
- Magenta (55%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 72.969, 313.429 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 61, 72.969, 313.429 by changing the saturation by 10% instead.


 61, 72.969,
313.429


 61, 72.969,
313.429


 100, 72.969,
313.429


 51, 72.969,
313.429


 81, 72.969,
313.429

 41, 72.969,
313.429

 91, 72.969,
313.429

 31, 72.969,
313.429

 21, 72.969,
313.429

 11, 72.969,
313.429

 1, 72.969, 313.429

 0, 72.969, 313.429

61, 72.969,
313.429

61, 72.969,
313.429

55, 86.429,
313.807

67, 58.858,
312.967

50, 98.561,
314.025

74, 44.561,
312.472

46, 108.487,
313.989

80, 30.360,
311.978

42, 115.339,
313.596

87, 16.419,
311.502

40, 118.617,
313.044

94, 2.826, 311.017

99, 6.930, 123.745

100, 6.699,
109.665

Harmonies

Complementary

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



61, 72.969, 313.429



89, 68.268, 128.582

Rectangle

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



61, 72.969, 313.429



61, 72.969, 3.429



61, 72.969, 133.429



61, 72.969, 183.429

Sweetspot

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



61, 72.967, 313.429



89, 22.774, 311.686



69, 40.256, 270.910



46, 15.416, 311.785



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 72.967, 313.429



57, 91.425, 313.839



68, 74.615, 328.665



47, 7.627, 311.380



30, 96.337, 313.239



5, 39.829, 313.846

Inverse Universe

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



65, 54.707, 352.990



63, 67.275, 355.206



86, 75.202, 141.344



47, 5.850, 347.543



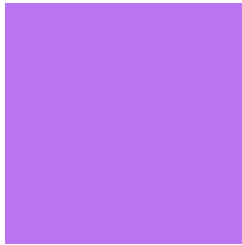
39, 65.968, 7.320



8, 29.029, 359.937

Previews

White Background



This preview shows how the CIELCh color 61, 72.969, 313.429 looks on a white background.

Color Contrast Check

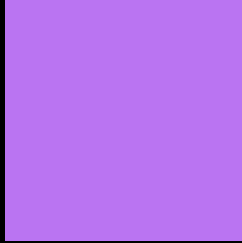
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 72.969, 313.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

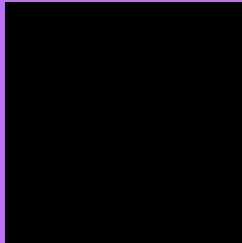
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 72.969, 313.429

Background



This preview shows how black text looks on a background with the CIELCh color 61, 72.969, 313.429.

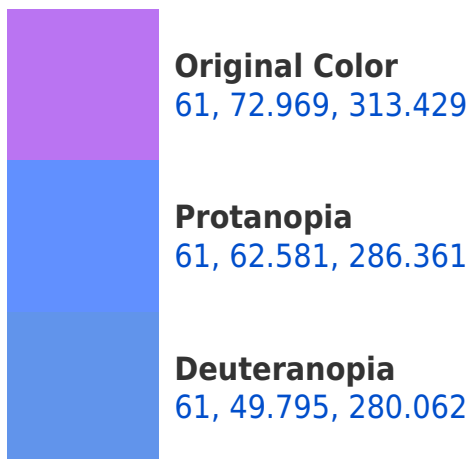



This preview shows how white text looks on a background with the CIELCh color 61, 72.969, 313.429.

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
61, 13.646, 354.015

Trichromacy



Original Color
61, 72.969, 313.429



Protanomaly
60, 65.194, 295.740



Deuteranomaly
60, 56.873, 294.199



Tritanomaly
61, 33.481, 322.039

Monochromacy



Original Color
61, 72.969, 313.429



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 27.632, 312.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 72.969, 313.429 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(186, 116, 242)` looks like.

```
.text, #text, p{  
    color:rgb(186, 116, 242)  
}
```

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(186, 116, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 116, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 72.969, 313.429 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(186, 116, 242) }
```

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

```
.border{ border-color:rgb(186, 116, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 116, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 116, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 116, 242);  
box-shadow:4px 4px 4px 4px rgb(186, 116,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 72.969, 313.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 116, 242) }
```

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

```
.background{ background-color: rgb(186,  
116, 242) }
```

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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