

Converting Colors

CIELCh(61, 53.407, 311.924)

Have a look what the booklet for
CIELCh(61, 53.407, 311.924)
contains.

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Color

CIELCh(61, 53.379, 311.696)

Conversions

Conversions Part 1

Format	Color
Hex	AE7FDA
RGB	174, 127, 218
RGB Percent	68%, 50%, 85%
CMY	0.3176, 0.5019, 0.1450
CMYK	0.20, 0.42, 0.00, 0.15
HSL	271°, 55%, 68%
HSV	271°, 42%, 85%
XYZ	37.7100, 29.2481, 70.0023
YIQ	151.4270, -1.1990, 38.2650

Conversions

Conversions Part 2

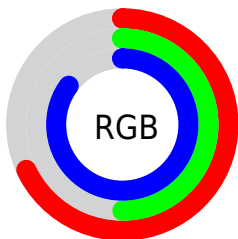
Format	Color
RYB	174, 127, 218
Decimal	11435994
CIELab	61.00, 35.51, -39.86
CIELCh	61, 53.379, 311.696
Yxy	29.2481, 0.2753, 0.2136
Android (android.graphics.Color)	4289626074 (0xFFAE7FDA)
YUV	151.4270, 32.8205, 19.7965
Hunter-Lab	54.0815, 29.8219, -38.8870

Details

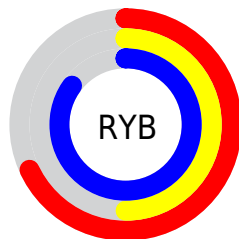
The CIELCh color `61, 53.379, 311.696` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `82, 50.365, 127.695`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `80, 43.524, 316.369`, and `41, 53.405, 311.699` is the 20% darker color. If you saturate the color by 10%, you get `55, 66.433, 312.204`, and if you desaturate by 10%, it is `67, 40.234, 311.167`.

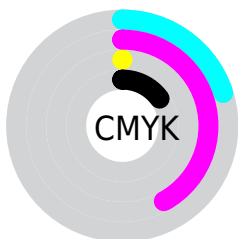
Distribution



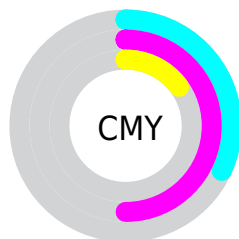
- Red (68%)
- Green (50%)
- Blue (85%)



- Red (68%)
- Yellow (50%)
- Blue (85%)



- Cyan (20%)
- Magenta (42%)
- Yellow (0%)
- Black (15%)



- Cyan (32%)
- Magenta (50%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 53.379, 311.696 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, 53.379, 311.696 by changing the saturation by 10% instead.

61, 53.379,
311.696

61, 53.379,
311.696

100, 53.379,
311.696

51, 53.379,
311.696

81, 53.379,
311.696

41, 53.379,
311.696

91, 53.379,
311.696

31, 53.379,
311.696

21, 53.379,
311.696

11, 53.379,
311.696

1, 53.379, 311.696

0, 53.379, 311.696

61, 53.379,
311.696

61, 53.379,
311.696

55, 66.433,
312.204

67, 40.234,
311.167

50, 79.012,
312.641

73, 27.236,
310.649

45, 90.515,
312.933

80, 14.512,
310.157

40, 100.130,
312.979

86, 2.126, 309.655

92, 9.893, 129.324

37, 106.990,
312.668

98, 19.871,
127.684

35, 110.595,
312.156

99, 18.911,
116.770

99, 18.696,
108.763

Harmonies

Complementary

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



61, 53.379, 311.696



82, 50.365, 127.695

Rectangle

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



61, 53.379, 311.696



61, 53.379, 1.696



61, 53.379, 131.696



61, 53.379, 181.696

Sweetspot

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



61, 53.377, 311.696



91, 18.284, 310.223



69, 28.005, 262.755



47, 12.833, 310.331



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, 53.377, 311.696



65, 72.889, 312.141



66, 58.044, 326.661



43, 7.029, 310.048



27, 93.076, 312.332



3, 31.368, 310.066

Inverse Universe

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



64, 41.535, 348.860



70, 55.994, 350.133



80, 58.189, 141.222



43, 5.577, 345.303



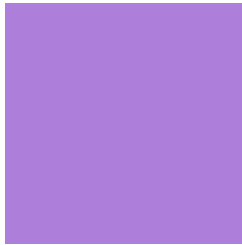
37, 63.347, 3.347



6, 24.909, 355.681

Previews

White Background



This preview shows how the CIELCh color 61, 53.379, 311.696 looks on a white background.

Color Contrast Check

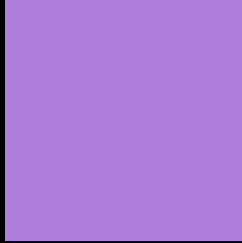
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.379, 311.696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

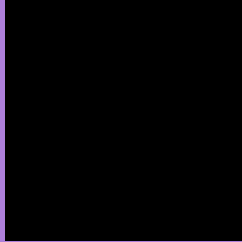
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 53.379, 311.696

Background



This preview shows how black text looks on a background with the CIELCh color 61, 53.379, 311.696.

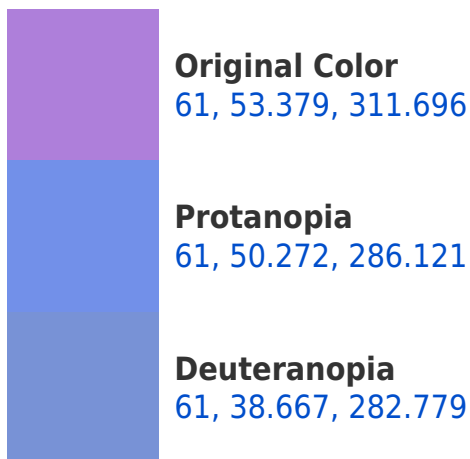


This preview shows how white text looks on a background with the CIELCh color 61, 53.379, 311.696.

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, 10.576, 344.746

Trichromacy



Original Color
61, 53.379, 311.696

Protanomaly
61, 50.664, 294.845

Deuteranomaly
61, 42.861, 295.148

Tritanomaly
61, 25.317, 319.034

Monochromacy



Original Color
61, 53.379, 311.696

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 19.672, 310.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 53.379, 311.696 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(174, 127, 218)` looks like.

```
.text, #text, p{  
    color:rgb(174, 127, 218)  
}
```

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(174, 127, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 127, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 53.379, 311.696 is called "border". The border property can be set on classes, ids or directly on the HTML element.

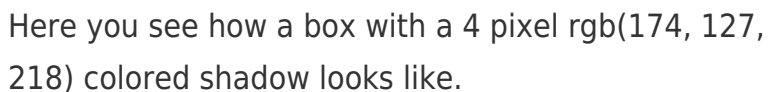
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 127, 218) }
```

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

```
.border{ border-color:rgb(174, 127, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 127, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 127, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 127, 218); box-shadow:4px 4px 4px 4px rgb(174, 127, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 53.379, 311.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 127, 218) }
```

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

```
.background{ background-color: rgb(174,  
127, 218) }
```

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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