

Converting Colors

CIELCh(61, 70.267, 300.407)

Have a look what the booklet for
CIELCh(61, 70.267, 300.407)
contains.

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Color

CIELCh(61, 70.298, 300.490)

Conversions

Conversions Part 1

Format	Color
Hex	9182FF
RGB	145, 130, 255
RGB Percent	57%, 51%, 100%
CMY	0.4309, 0.4898, 0.0000
CMYK	0.43, 0.49, 0.00, 0.00
HSL	247°, 100%, 76%
HSV	247°, 49%, 100%
XYZ	37.7599, 29.2481, 98.3572
YIQ	148.7350, -31.1850, 42.0550

Conversions

Conversions Part 2

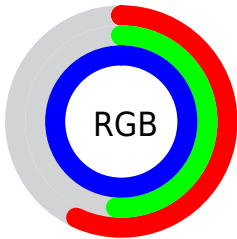
Format	Color
R _Y B	145, 130, 255
Decimal	9536255
CIE Lab	61.00, 35.67, -60.58
CIE LCh	61, 70.298, 300.490
Yxy	29.2481, 0.2283, 0.1769
Android (android.graphics.Color)	4287726335 (0xFF9182FF)
YUV	148.7350, 52.3886, -3.2756
Hunter-Lab	54.0815, 29.9864, -69.9726

Details

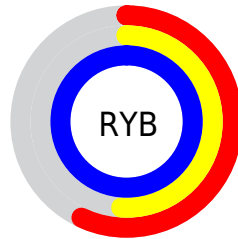
The CIELCh color $61, 70.298, 300.490$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $97, 61.589, 111.093$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 39.274, 302.972$, and $41, 70.271, 300.478$ is the 20% darker color. If you saturate the color by 10%, you get $53, 85.948, 302.078$, and if you desaturate by 10%, it is $69, 54.832, 299.030$.

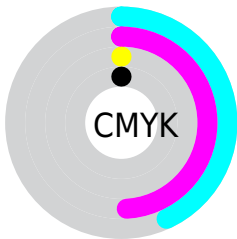
Distribution



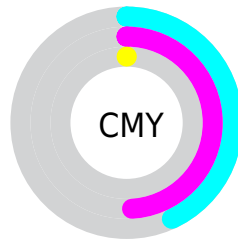
- Red (57%)
- Green (51%)
- Blue (100%)



- Red (57%)
- Yellow (51%)
- Blue (100%)



- Cyan (43%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (49%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 70.298, 300.490 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, 70.298, 300.490 by changing the saturation by 10% instead.

 61, 70.298,
300.490


 61, 70.298,
300.490


 100, 70.298,
300.490


 51, 70.298,
300.490


 81, 70.298,
300.490

 41, 70.298,
300.490

 91, 70.298,
300.490

 31, 70.298,
300.490

 21, 70.298,
300.490

 11, 70.298,
300.490

 1, 70.298, 300.490

 0, 70.298, 300.490

61, 70.298,
300.490

61, 70.298,
300.490

53, 85.948,
302.078

69, 54.832,
299.030

46, 101.424,
303.696

77, 39.945,
297.737

40, 115.536,
305.155

85, 25.633,
296.613

36, 126.456,
306.184

93, 11.891,
295.648

33, 132.595,
306.594

100, 0.012,
296.813

33, 133.077,
306.629

Harmonies

Complementary

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



61, 70.298, 300.490



97, 61.589, 111.093

Rectangle

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



61, 70.298, 300.490



61, 70.298, 350.490



61, 70.298, 120.490



61, 70.298, 170.490

Sweetspot

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



61, 70.237, 300.490



88, 20.096, 296.211



89, 32.585, 211.073



45, 13.769, 296.421



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, 70.237, 300.490



53, 85.979, 302.081



67, 72.065, 315.199



49, 7.536, 295.695



24, 107.059, 306.704



4, 44.401, 304.089

Inverse Universe

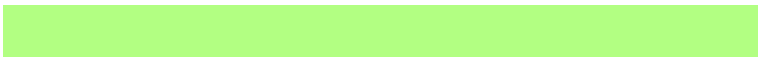
The Inverse Universe completely reimagines the original color for something new.



72, 70.376, 330.842



68, 82.352, 331.434



93, 68.488, 130.701



50, 8.339, 328.430



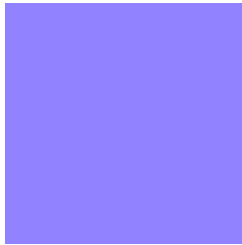
44, 84.695, 333.694



12, 39.406, 332.959

Previews

White Background



This preview shows how the CIELCh color 61, 70.298, 300.490 looks on a white background.

Color Contrast Check

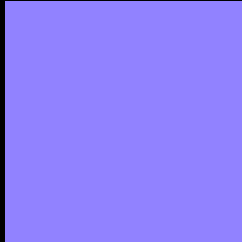
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.298, 300.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

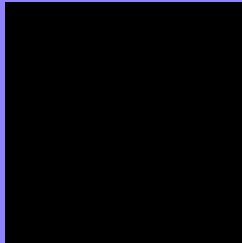
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 70.298, 300.490

Background



This preview shows how black text looks on a background with the CIELCh color 61, 70.298, 300.490.




This preview shows how white text looks on a background with the CIELCh color 61, 70.298, 300.490.

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, 12.349, 231.970

Trichromacy



Original Color
61, 70.298, 300.490

Protanomaly
61, 65.702, 291.753

Deuteranomaly
60, 62.701, 287.090

Tritanomaly
61, 30.066, 284.837

Monochromacy



Original Color
61, 70.298, 300.490

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 26.078, 297.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 70.298, 300.490 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(145, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(145, 130, 255)  
}
```

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(145, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 130, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 70.298, 300.490 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(145, 130, 255) }
```

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

```
.border{ border-color:rgb(145, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(145, 130,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 70.298, 300.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 130, 255) }
```

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

```
.background{ background-color: rgb(145,  
130, 255) }
```

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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