

Converting Colors

CIELCh(61, 84.150, 314.138)

Have a look what the booklet for
CIELCh(61, 84.150, 314.138)
contains.

| | |
|--|----|
| CIELCh(61, 84.152, 314.137) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(61, 84.152, 314.137)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C06CFF |
| RGB | 192, 108, 255 |
| RGB Percent | 75%, 42%, 100% |
| CMY | 0.2461, 0.5756, 0.0000 |
| CMYK | 0.25, 0.58, 0.00, 0.00 |
| HSL | 274°, 100%, 71% |
| HSV | 274°, 58%, 100% |
| XYZ | 45.2778, 29.2481, 98.0780 |
| YIQ | 149.8740, 2.8770, 63.5250 |

Conversions

Conversions Part 2

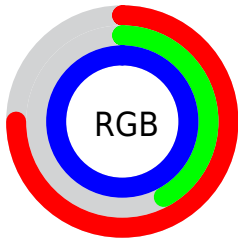
| Format | Color |
|-------------------------------------|--|
| RYB | 192, 108, 255 |
| Decimal | 12610815 |
| CIELab | 61.00, 58.60, -60.39 |
| CIElCh | 61, 84.152, 314.137 |
| Yxy | 29.2481, 0.2623, 0.1695 |
| Android (android.graphics.Color) | 4290800895 (0xFFC06CFF) |
| YUV | 149.8740, 51.8271, 36.9445 |
| Hunter-Lab | 54.0815, 54.7998, -69.6665 |

Details

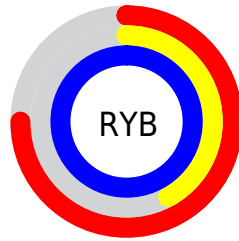
The CIELCh color $61, 84.152, 314.137$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $92, 78.361, 128.943$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 56.744, 325.129$, and $41, 84.090, 314.131$ is the 20% darker color. If you saturate the color by 10%, you get $55, 97.310, 314.443$, and if you desaturate by 10%, it is $67, 69.657, 313.761$.

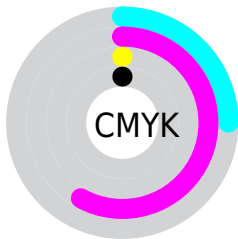
Distribution



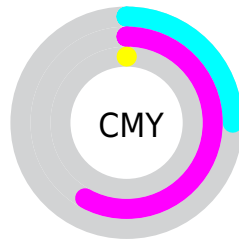
- Red (75%)
- Green (42%)
- Blue (100%)



- Red (75%)
- Yellow (42%)
- Blue (100%)



- Cyan (25%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (58%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 84.152, 314.137 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, 84.152, 314.137 by changing the saturation by 10% instead.


 61, 84.152,
314.137


 61, 84.152,
314.137


 100, 84.152,
314.137


 51, 84.152,
314.137


 81, 84.152,
314.137

 41, 84.152,
314.137

 91, 84.152,
314.137

 31, 84.152,
314.137

 21, 84.152,
314.137

 11, 84.152,
314.137

 1, 84.152, 314.137

 0, 84.152, 314.137

61, 84.152,
314.137

61, 84.152,
314.137

55, 97.310,
314.443

67, 69.657,
313.761

50, 108.661,
314.509

74, 54.807,
313.294

47, 117.147,
314.263

81, 39.882,
312.807

44, 122.153,
313.631

88, 25.126,
312.327

43, 123.080,
313.451

95, 10.679,
311.864

100, 0.012,
296.813

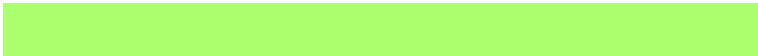
Harmonies

Complementary

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



61, 84.152, 314.137



92, 78.361, 128.943

Rectangle

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



61, 84.152, 314.137



61, 84.152, 4.137



61, 84.152, 134.137



61, 84.152, 184.137

Sweetspot

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



61, 84.030, 314.165



88, 24.313, 312.300



69, 47.503, 274.235



45, 16.302, 312.395



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, 84.030, 314.165



55, 99.090, 314.468



68, 83.694, 329.480



49, 8.055, 311.953



32, 98.977, 313.644



7, 44.760, 314.893

Inverse Universe

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



66, 61.994, 355.219



61, 71.673, 357.923



90, 84.748, 141.098



50, 6.090, 348.555



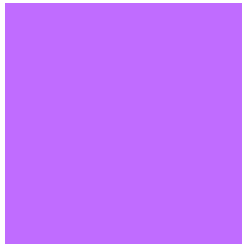
41, 68.074, 9.126



10, 31.380, 2.461

Previews

White Background



This preview shows how the CIELCh color 61, 84.152, 314.137 looks on a white background.

Color Contrast Check

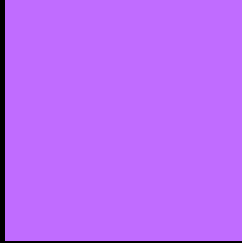
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 84.152, 314.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

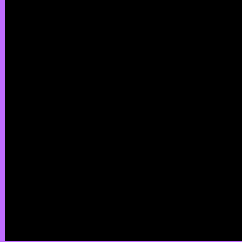
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 84.152, 314.137

Background



This preview shows how black text looks on a background with the CIELCh color 61, 84.152, 314.137.

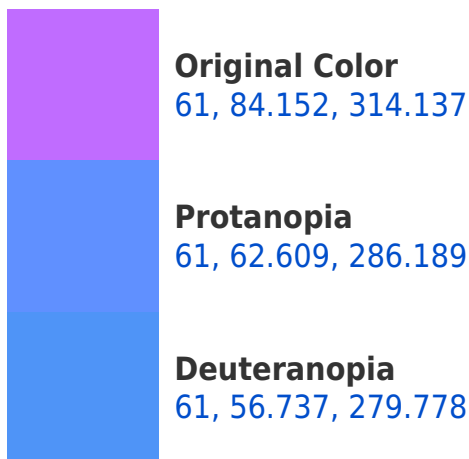


This preview shows how white text looks on a background with the CIELCh color 61, 84.152, 314.137.

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, 15.859, 358.290

Trichromacy



Original Color
61, 84.152, 314.137



Protanomaly
60, 69.723, 297.306



Deuteranomaly
60, 65.296, 293.834



Tritanomaly
60, 38.793, 323.242

Monochromacy



Original Color
61, 84.152, 314.137



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 31.821, 312.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 84.152, 314.137 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(192, 108, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 108, 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(192, 108, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 108, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 84.152, 314.137 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(192, 108, 255) }
```

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

```
.border{ border-color:rgb(192, 108, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 108, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 108, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 108, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 108,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 84.152, 314.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 108, 255) }
```

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

```
.background{ background-color: rgb(192,  
108, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor