

Converting Colors

CIELCh(65, 113.736, 310.925)

Have a look what the booklet for
CIELCh(65, 113.736, 310.925)
contains.

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Color

CIELCh(61, 85.456, 315.758)

Conversions

Conversions Part 1

Format	Color
Hex	C669FE
RGB	198, 105, 254
RGB Percent	78%, 41%, 100%
CMY	0.2238, 0.5882, 0.0042
CMYK	0.22, 0.59, 0.00, 0.00
HSL	277°, 99%, 70%
HSV	277°, 59%, 100%
XYZ	46.1949, 29.2481, 96.9065
YIQ	149.7930, 7.5990, 66.0550

Conversions

Conversions Part 2

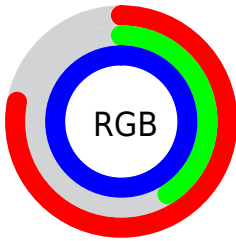
Format	Color
RYB	198, 105, 254
Decimal	13003262
CIELab	61.00, 61.22, -59.62
CIELCh	61, 85.456, 315.758
Yxy	29.2481, 0.2680, 0.1697
Android (android.graphics.Color)	4291193342 (0xFFC669FE)
YUV	149.7930, 51.3741, 42.2775
Hunter-Lab	54.0815, 57.8270, -68.3822

Details

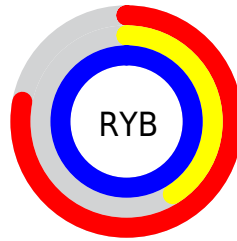
The CIELCh color $61, 85.456, 315.758$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $91, 80.606, 130.529$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 59.138, 326.457$, and $41, 85.248, 315.771$ is the 20% darker color. If you saturate the color by 10%, you get $56, 98.220, 315.964$, and if you desaturate by 10%, it is $67, 71.390, 315.414$.

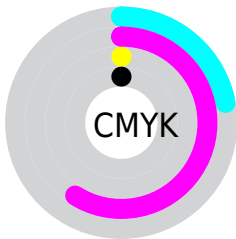
Distribution



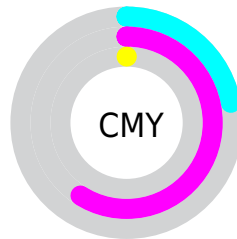
- Red (78%)
- Green (41%)
- Blue (100%)



- Red (78%)
- Yellow (41%)
- Blue (100%)



- Cyan (22%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (59%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 85.456, 315.758 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, 85.456, 315.758 by changing the saturation by 10% instead.


 61, 85.456,
315.758


 61, 85.456,
315.758


 100, 85.456,
315.758


 51, 85.456,
315.758


 81, 85.456,
315.758

 41, 85.456,
315.758

 91, 85.456,
315.758

 31, 85.456,
315.758

 21, 85.456,
315.758

 11, 85.456,
315.758

 1, 85.456, 315.758

 0, 85.456, 315.758

61, 85.456,
315.758

61, 85.456,
315.758

56, 98.220,
315.964

67, 71.390,
315.414

51, 108.858,
315.952

73, 56.675,
314.992

48, 116.524,
315.635

80, 41.758,
314.536

45, 120.862,
314.969

87, 26.924,
314.076

45, 121.334,
314.870

94, 12.342,
313.626

100, 0.538,
109.994

Harmonies

Complementary

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



61, 85.456, 315.758



91, 80.606, 130.529

Rectangle

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



61, 85.456, 315.758



61, 85.456, 5.758



61, 85.456, 135.758



61, 85.456, 185.758

Sweetspot

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



61, 85.454, 315.758



87, 26.061, 314.047



67, 51.902, 278.996



45, 18.165, 314.180



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, 85.454, 315.758



55, 100.144, 315.977



67, 81.878, 331.283



49, 8.151, 313.664



33, 97.913, 315.053



7, 44.560, 316.345

Inverse Universe

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



65, 61.745, 359.136



60, 71.556, 2.165



90, 83.051, 142.317



50, 5.904, 351.745



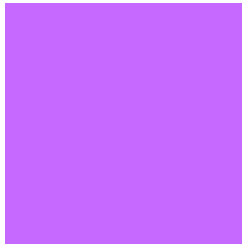
41, 68.689, 14.132



10, 31.282, 6.837

Previews

White Background



This preview shows how the CIELCh color 61, 85.456, 315.758 looks on a white background.

Color Contrast Check

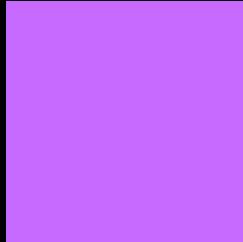
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.456, 315.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

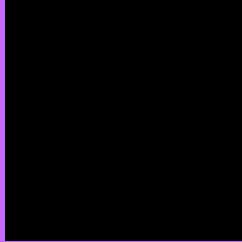
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 85.456, 315.758

Background



This preview shows how black text looks on a background with the CIELCh color 61, 85.456, 315.758.

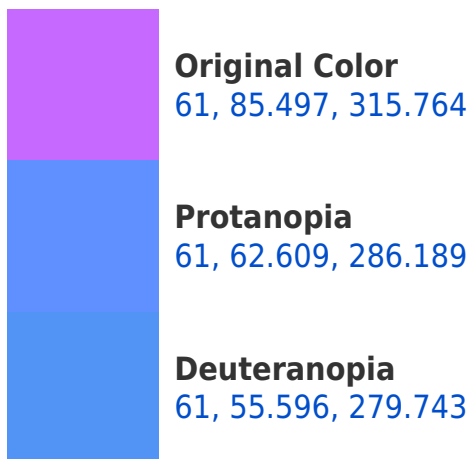



This preview shows how white text looks on a background with the CIELCh color 61, 85.456, 315.758.

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, 18.794, 4.199

Trichromacy



Original Color
61, 85.497, 315.764



Protanomaly
60, 70.323, 297.987



Deuteranomaly
59, 65.372, 295.174



Tritanomaly
60, 40.853, 327.137

Monochromacy



Original Color
61, 85.497, 315.764



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 32.709, 314.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 85.456, 315.758 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(198, 105, 254)` looks like.

```
.text, #text, p{  
    color:rgb(198, 105, 254)  
}
```

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(198, 105, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 105, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 85.456, 315.758 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(198, 105, 254) }
```

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

```
.border{ border-color:rgb(198, 105, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 105, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 105, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 105, 254);  
box-shadow:4px 4px 4px 4px rgb(198, 105,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 85.456, 315.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 105, 254) }
```

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

```
.background{ background-color: rgb(198,  
105, 254) }
```

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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