

Converting Colors

CIELCh(65, 79.494, 322.812)

Have a look what the booklet for
CIELCh(65, 79.494, 322.812)
contains.

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Color

CIELCh(65, 79.613, 322.890)

Conversions

Conversions Part 1

Format	Color
Hex	E26FF5
RGB	226, 111, 245
RGB Percent	89%, 44%, 96%
CMY	0.1145, 0.5654, 0.0400
CMYK	0.08, 0.55, 0.00, 0.04
HSL	291°, 87%, 70%
HSV	291°, 55%, 96%
XYZ	53.4199, 34.0472, 89.9891
YIQ	160.6610, 25.5260, 66.0540

Conversions

Conversions Part 2

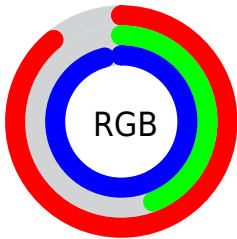
Format	Color
R _Y B	226, 111, 245
Decimal	14839797
CIE Lab	65.00, 63.49, -48.03
CIE LCh	65, 79.613, 322.890
Yxy	34.0472, 0.3010, 0.1919
Android (android.graphics.Color)	4293029877 (0xFFE26FF5)
YUV	160.6610, 41.5791, 57.3023
Hunter-Lab	58.3500, 61.3060, -50.5938

Details

The CIELCh color **65, 79.613, 322.890** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **88, 78.813, 136.911**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 54.926, 326.317**, and **45, 79.641, 322.971** is the 20% darker color. If you saturate the color by 10%, you get **61, 91.554, 323.133**, and if you desaturate by 10%, it is **70, 66.127, 322.545**.

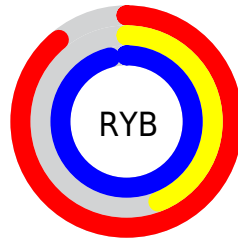
Distribution



Red (89%)

Green (44%)

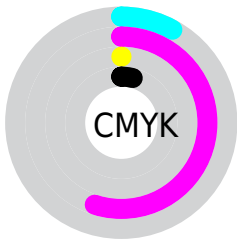
Blue (96%)



Red (89%)

Yellow (44%)

Blue (96%)

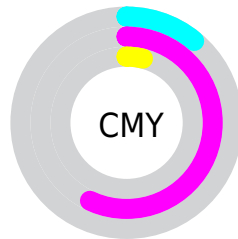


Cyan (8%)

Magenta (55%)

Yellow (0%)

Black (4%)



Cyan (11%)


Magenta (57%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 79.613, 322.890 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 65, 79.613, 322.890 by changing the saturation by 10% instead.


 65, 79.613,
322.890


 65, 79.613,
322.890


 100, 79.613,
322.890


 55, 79.613,
322.890


 85, 79.613,
322.890

 45, 79.613,
322.890

 95, 79.613,
322.890

 35, 79.613,
322.890

 25, 79.613,
322.890

 15, 79.613,
322.890

 5, 79.613, 322.890

 0, 79.613, 322.890

65, 79.613,
322.890

65, 79.613,
322.890

61, 91.554,
323.133

70, 66.127,
322.545

57, 101.293,
323.238

75, 51.706,
322.131

54, 108.257,
323.169

81, 36.826,
321.676

53, 112.188,
322.904

87, 21.833,
321.201

52, 113.344,
322.705

93, 6.961, 320.705

99, 5.977, 139.282

99, 5.461, 128.209

100, 5.187,
115.335

100, 5.156,
109.778

Harmonies

Complementary

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



65, 79.613, 322.890



88, 78.813, 136.911

Rectangle

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



65, 79.613, 322.890



65, 79.613, 12.890



65, 79.613, 142.890



65, 79.613, 192.890

Sweetspot

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



65, 79.611, 322.890



90, 24.531, 321.264



58, 64.471, 292.558



46, 16.581, 321.363



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 79.611, 322.890



63, 95.998, 323.157



66, 64.487, 341.191



48, 8.391, 320.947



40, 92.254, 322.794



9, 40.930, 323.488

Inverse Universe

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



64, 55.143, 15.893



61, 68.985, 19.285



87, 63.701, 150.789



48, 5.159, 8.568



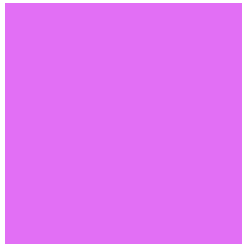
39, 76.265, 33.494



8, 30.237, 19.228

Previews

White Background



This preview shows how the CIELCh color 65, 79.613, 322.890 looks on a white background.

Color Contrast Check

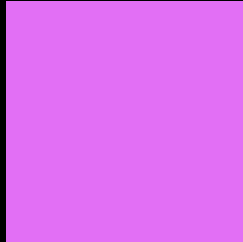
Large Text (above 18pt) WCAG AA × Fail

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 65, 79.613, 322.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

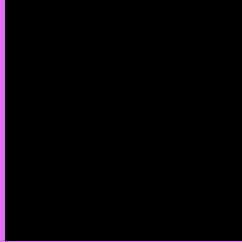
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 79.613, 322.890

Background



This preview shows how black text looks on a background with the CIELCh color 65, 79.613, 322.890.

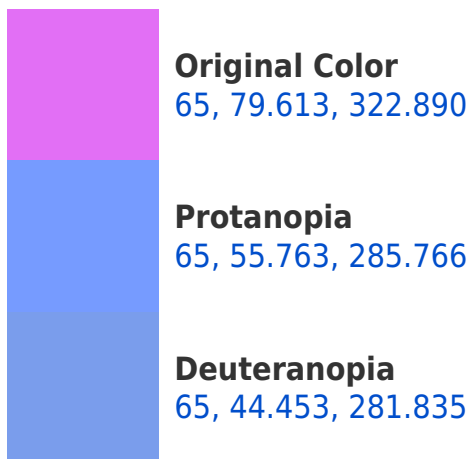


This preview shows how white text looks on a background with the CIELCh color 65, 79.613, 322.890.

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
65, 31.531, 11.888

Trichromacy



Original Color
65, 79.613, 322.890



Protanomaly
64, 62.701, 300.996



Deuteranomaly
64, 55.678, 301.816



Tritanomaly
65, 44.894, 341.500

Monochromacy



Original Color
65, 79.613, 322.890



Achromatopsia
66, 0.008, 296.813



Achromatomaly
64, 31.222, 321.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 79.613, 322.890 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(226, 111, 245)` looks like.

```
.text, #text, p{  
    color:rgb(226, 111, 245)  
}
```

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(226, 111, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 111, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 79.613, 322.890 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(226, 111, 245) }
```

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

```
.border{ border-color:rgb(226, 111, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 111, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 111, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 111, 245);  
box-shadow:4px 4px 4px 4px rgb(226, 111,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 79.613, 322.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 111, 245) }
```

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

```
.background{ background-color: rgb(226,  
111, 245) }
```

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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