

Converting Colors

CIELCh(63, 86.614, 322.772)

Have a look what the booklet for
CIELCh(63, 86.614, 322.772)
contains.

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Color

CIELCh(63, 86.600, 322.818)

Conversions

Conversions Part 1

Format	Color
Hex	E163F7
RGB	225, 99, 247
RGB Percent	88%, 39%, 97%
CMY	0.1182, 0.6123, 0.0319
CMYK	0.09, 0.60, 0.00, 0.03
HSL	291°, 90%, 68%
HSV	291°, 60%, 97%
XYZ	52.2194, 31.5869, 91.2231
YIQ	153.5460, 27.5880, 72.7400

Conversions

Conversions Part 2

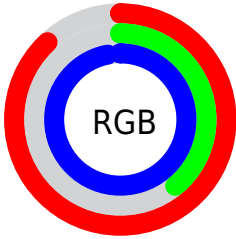
Format	Color
R _Y B	225, 99, 247
Decimal	14771191
CIE _{Lab}	63.00, 69.00, -52.34
CIE _{LCh}	63, 86.600, 322.818
Yxy	31.5869, 0.2983, 0.1805
Android (android.graphics.Color)	4292961271 (0xFFE163F7)
YUV	153.5460, 46.0728, 62.6652
Hunter-Lab	56.2022, 67.4965, -56.8933

Details

The CIELCh color $63, 86.600, 322.818$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $88, 85.747, 136.358$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 61.517, 326.536$, and $43, 86.700, 322.734$ is the 20% darker color. If you saturate the color by 10%, you get $59, 97.575, 322.988$, and if you desaturate by 10%, it is $68, 73.733, 322.525$.

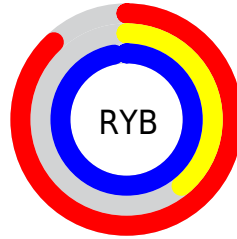
Distribution



Red (88%)

Green (39%)

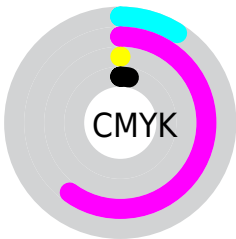
Blue (97%)



Red (88%)

Yellow (39%)

Blue (97%)

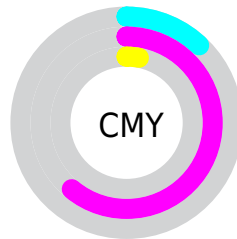


Cyan (9%)

Magenta (60%)

Yellow (0%)

Black (3%)



Cyan (12%)


Magenta (61%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 86.600, 322.818 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 63, 86.600, 322.818 by changing the saturation by 10% instead.

 63, 86.600,
322.818


 63, 86.600,
322.818

 100, 86.600,
322.818


 53, 86.600,
322.818


 83, 86.600,
322.818

 43, 86.600,
322.818

 93, 86.600,
322.818

 33, 86.600,
322.818

 23, 86.600,
322.818

 13, 86.600,
322.818

 3, 86.600, 322.818

 0, 86.600, 322.818

63, 86.600,
322.818

63, 86.600,
322.818

59, 97.575,
322.988

68, 73.733,
322.525

56, 106.014,
322.998

73, 59.636,
322.145

54, 111.462,
322.815

79, 44.854,
321.711

52, 114.147,
322.449

85, 29.802,
321.247

52, 114.158,
322.447

91, 14.768,
320.768

97, 0.062, 144.521

99, 4.428, 130.600

100, 4.132,
113.703

100, 4.119,
109.852

Harmonies

Complementary

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



63, 86.600, 322.818



88, 85.747, 136.358

Rectangle

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



63, 86.600, 322.818



63, 86.600, 12.818



63, 86.600, 142.818



63, 86.600, 192.818

Sweetspot

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



63, 86.598, 322.818



88, 27.577, 321.156



55, 71.798, 293.889



45, 19.191, 321.294



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 86.598, 322.818



60, 102.126, 323.005



64, 69.951, 341.820



48, 8.374, 320.745



39, 92.330, 322.542



9, 40.957, 323.266

Inverse Universe

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



62, 60.931, 16.815



59, 74.797, 20.944



88, 69.483, 149.999



48, 5.168, 8.031



39, 75.921, 33.061



8, 30.207, 18.941

Previews

White Background



This preview shows how the CIELCh color 63, 86.600, 322.818 looks on a white background.

Color Contrast Check

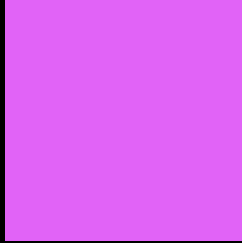
Large Text (above 18pt) WCAG AA × Fail

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 63, 86.600, 322.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

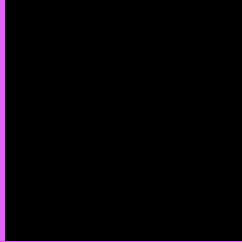
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 86.600, 322.818

Background



This preview shows how black text looks on a background with the CIELCh color 63, 86.600, 322.818.

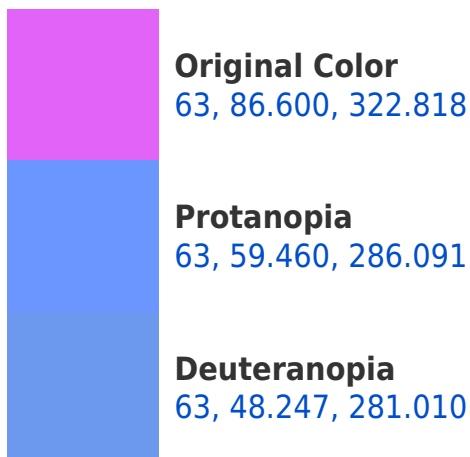


This preview shows how white text looks on a background with the CIELCh color 63, 86.600, 322.818.

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
63, 33.834, 13.938

Trichromacy



Original Color
63, 86.600, 322.818



Protanomaly
61, 68.096, 301.353



Deuteranomaly
61, 60.934, 300.913



Tritanomaly
62, 48.126, 342.050

Monochromacy



Original Color
63, 86.600, 322.818



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 34.515, 321.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 86.600, 322.818 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(225, 99, 247)` looks like.

```
.text, #text, p{  
    color:rgb(225, 99, 247)  
}
```

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(225, 99, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 99, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 86.600, 322.818 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(225, 99, 247) }
```

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

```
.border{ border-color:rgb(225, 99, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 99, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 99, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 99, 247);  
box-shadow:4px 4px 4px 4px rgb(225, 99,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 86.600, 322.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 99, 247) }
```

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

```
.background{ background-color: rgb(225, 99,  
247) }
```

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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