

Converting Colors

CIELCh(60, 101.670, 322.427)

Have a look what the booklet for
CIELCh(60, 101.670, 322.427)
contains.

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Color

CIELCh(60, 101.494, 322.484)

Conversions

Conversions Part 1

Format	Color
Hex	E149FF
RGB	225, 73, 255
RGB Percent	88%, 29%, 100%
CMY	0.1162, 0.7122, 0.0000
CMYK	0.12, 0.71, 0.00, 0.00
HSL	290°, 100%, 64%
HSV	290°, 71%, 100%
XYZ	51.6767, 28.1233, 97.6066
YIQ	139.1960, 32.1700, 88.8260

Conversions

Conversions Part 2

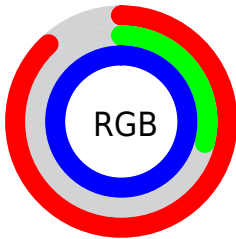
Format	Color
R _Y B	225, 73, 255
Decimal	14764543
CIE Lab	60.00, 80.50, -61.81
CIE LCh	60, 101.494, 322.484
Yxy	28.1233, 0.2913, 0.1585
Android (android.graphics.Color)	4292954623 (0xFFE149FF)
YUV	139.1960, 57.0914, 75.2501
Hunter-Lab	53.0314, 81.1351, -72.0037

Details

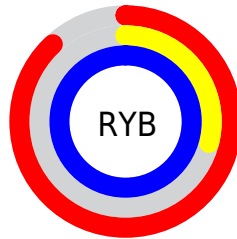
The CIELCh color **60, 101.494, 322.484** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **89, 100.542, 135.328**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 74.128, 326.948**, and **41, 96.486, 322.018** is the 20% darker color. If you saturate the color by 10%, you get **57, 109.698, 322.503**, and if you desaturate by 10%, it is **64, 90.318, 322.394**.

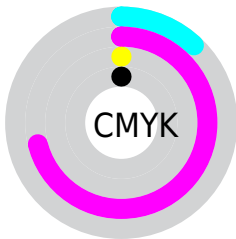
Distribution



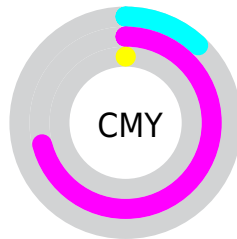
- Red (88%)
- Green (29%)
- Blue (100%)



- Red (88%)
- Yellow (29%)
- Blue (100%)



- Cyan (12%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (71%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 101.494, 322.484 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 60, 101.494, 322.484 by changing the saturation by 10% instead.


 60, 101.494,
322.484


 60, 101.494,
322.484


 100, 101.494,
322.484


 50, 101.494,
322.484


 80, 101.494,
322.484


 40, 101.494,
322.484

 90, 101.494,
322.484

 30, 101.494,
322.484

 20, 101.494,
322.484

 10, 101.494,
322.484

 0, 101.494,
322.484

60, 101.494,
322.484

60, 101.494,
322.484

57, 109.698,
322.503

64, 90.318,
322.394

55, 114.935,
322.266

69, 77.284,
322.121

53, 117.224,
321.899

74, 62.929,
321.755

80, 47.834,
321.330

86, 32.436,
320.872

93, 17.039,
320.400

99, 1.843, 319.814

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.



60, 101.494, 322.484



89, 100.542, 135.328

Rectangle

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



60, 101.494, 322.484



60, 101.494, 12.484



60, 101.494, 142.484



60, 101.494, 192.484

Sweetspot

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



60, 101.346, 322.535



86, 32.098, 320.862



50, 87.420, 296.265



44, 21.750, 320.990



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 101.346, 322.535



56, 112.055, 322.438



62, 81.807, 342.417



50, 8.623, 320.318



40, 94.383, 322.002



10, 43.315, 322.719

Inverse Universe

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



59, 73.689, 19.525



55, 85.695, 25.561



89, 83.365, 147.447



50, 5.366, 6.903



40, 76.800, 32.212



10, 32.202, 20.456

Previews

White Background



This preview shows how the CIELCh color 60, 101.494, 322.484 looks on a white background.

Color Contrast Check

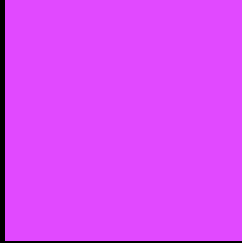
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 101.494, 322.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

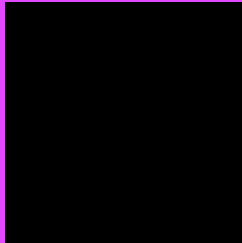
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 101.494, 322.484

Background



This preview shows how black text looks on a background with the CIELCh color 60, 101.494, 322.484.



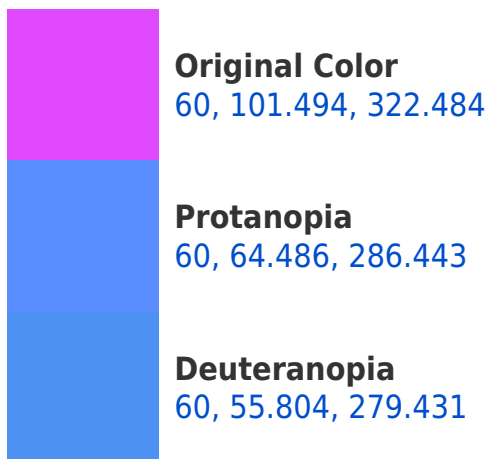
This preview shows how white text looks on a background with the CIELCh color 60, 101.494, 322.484.

322.484.

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
60, 37.704, 17.242

Trichromacy



Original Color
60, 101.494, 322.484



Protanomaly
57, 78.877, 302.491



Deuteranomaly
57, 72.163, 299.992



Tritanomaly
59, 55.133, 341.703

Monochromacy



Original Color
60, 101.494, 322.484



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 42.188, 321.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 101.494, 322.484 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, 73, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 73, 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(225, 73, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 73, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 101.494, 322.484 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, 73, 255) }
```

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

```
.border{ border-color:rgb(225, 73, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 73, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 73, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 73, 255); box-shadow:4px 4px 4px 4px rgb(225, 73, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 101.494, 322.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 73, 255) }
```

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

```
.background{ background-color: rgb(225, 73,  
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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