

Converting Colors

CIELCh(78, 111.898, 310.820)

Have a look what the booklet for
CIELCh(78, 111.898, 310.820)
contains.

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Color

CIELCh(73, 67.042, 322.211)

Conversions

Conversions Part 1

Format	Color
Hex	EE8FFF
RGB	238, 143, 255
RGB Percent	93%, 56%, 100%
CMY	0.0657, 0.4383, 0.0000
CMYK	0.07, 0.44, 0.00, 0.00
HSL	291°, 100%, 78%
HSV	291°, 44%, 100%
XYZ	63.2828, 45.1644, 100.1891
YIQ	184.1730, 20.6680, 54.9720

Conversions

Conversions Part 2

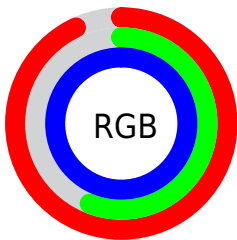
Format	Color
R _Y B	238, 143, 255
Decimal	15634431
CIE Lab	73.00, 52.98, -41.08
CIE LCh	73, 67.042, 322.211
Yxy	45.1644, 0.3033, 0.2165
Android (android.graphics.Color)	4293824511 (0xFFEE8FFF)
YUV	184.1730, 34.9177, 47.2063
Hunter-Lab	67.2044, 50.4761, -41.3471

Details

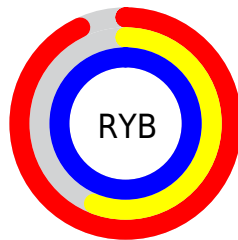
The CIELCh color $73, 67.042, 322.211$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $92, 66.143, 137.563$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 35.124, 325.645$, and $53, 67.254, 322.155$ is the 20% darker color. If you saturate the color by 10%, you get $68, 80.984, 322.614$, and if you desaturate by 10%, it is $79, 51.979, 321.848$.

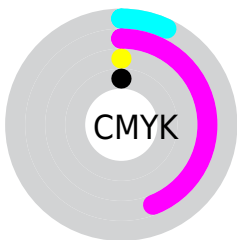
Distribution



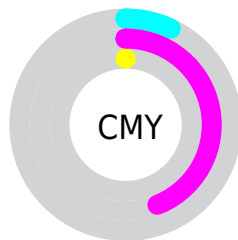
- Red (93%)
- Green (56%)
- Blue (100%)



- Red (93%)
- Yellow (56%)
- Blue (100%)



- Cyan (7%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 67.042, 322.211 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 73, 67.042, 322.211 by changing the saturation by 10% instead.


 73, 67.042,
322.211


 73, 67.042,
322.211


 100, 67.042,
322.211


 63, 67.042,
322.211


 93, 67.042,
322.211

 53, 67.042,
322.211

 43, 67.042,
322.211

 33, 67.042,
322.211

 23, 67.042,
322.211

 13, 67.042,
322.211

 3, 67.042, 322.211

■ 0, 67.042, 322.211

■ 73, 67.042,
322.211

■ 73, 67.042,
322.211

■ 68, 80.984,
322.614

■ 79, 51.979,
321.848

■ 63, 93.508,
322.863

■ 85, 36.596,
321.392

■ 59, 103.817,
322.972

■ 91, 21.130,
320.919

■ 57, 111.291,
322.905

■ 97, 5.811, 320.418

■ 55, 115.620,
322.638

100, 0.012,
296.813

■ 54, 117.023,
322.389

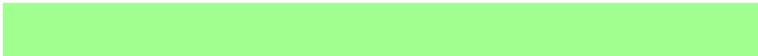
Harmonies

Complementary

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



73, 67.042, 322.211



92, 66.143, 137.563

Rectangle

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



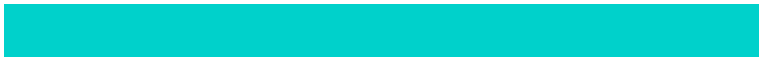
73, 67.042, 322.211



73, 67.042, 12.211



73, 67.042, 142.211



73, 67.042, 192.211

Sweetspot

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



73, 66.935, 322.264



92, 19.846, 320.879



68, 52.293, 290.070



47, 13.908, 320.984



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 66.935, 322.264



68, 79.862, 322.588



73, 54.567, 340.026



50, 8.656, 320.710



40, 94.225, 322.485



10, 43.256, 323.149

Inverse Universe

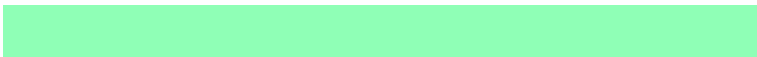
The Inverse Universe completely reimagines the original color for something new.



72, 44.971, 12.816



67, 55.054, 14.864



92, 53.633, 152.250



50, 5.346, 7.934



40, 77.480, 33.081



10, 32.280, 21.020

Previews

White Background



This preview shows how the CIELCh color 73, 67.042, 322.211 looks on a white background.

Color Contrast Check

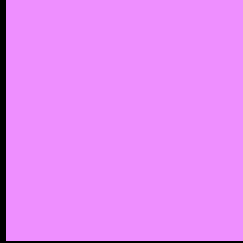
Large Text (above 18pt) WCAG AA × Fail

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 73, 67.042, 322.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

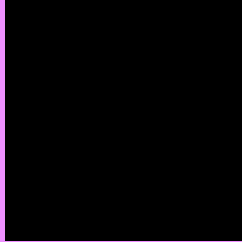
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 67.042, 322.211

Background



This preview shows how black text looks on a background with the CIELCh color 73, 67.042, 322.211.

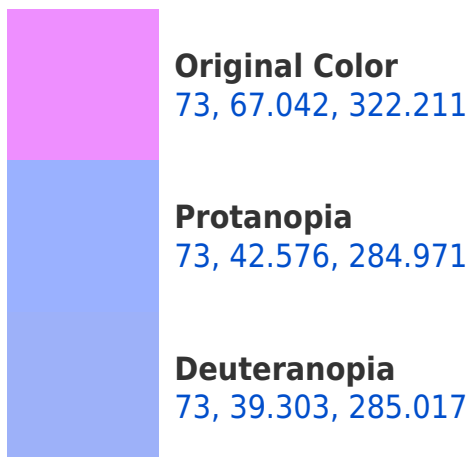


This preview shows how white text looks on a background with the CIELCh color 73, 67.042, 322.211.

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
73, 26.482, 6.705

Trichromacy



Original Color
73, 67.042, 322.211



Protanomaly
73, 49.512, 301.794



Deuteranomaly
73, 47.468, 302.778

Tritanomaly
73, 37.689, 339.838

Monochromacy



Original Color
73, 67.042, 322.211



Achromatopsia
75, 0.009, 296.813



Achromatomaly
73, 25.586, 321.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 67.042, 322.211 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(238, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 143, 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(238, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 143, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 67.042, 322.211 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(238, 143, 255) }
```

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

```
.border{ border-color:rgb(238, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 143,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 67.042, 322.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 143, 255) }
```

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

```
.background{ background-color: rgb(238,  
143, 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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