

Converting Colors

CIELCh(73, 63.361, 319.518)

Have a look what the booklet for
CIELCh(73, 63.361, 319.518)
contains.

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Color

CIELCh(73, 63.211, 319.609)

Conversions

Conversions Part 1

Format	Color
Hex	E694FF
RGB	230, 148, 255
RGB Percent	90%, 58%, 100%
CMY	0.0985, 0.4200, 0.0004
CMYK	0.10, 0.42, 0.00, 0.00
HSL	286°, 100%, 79%
HSV	286°, 42%, 100%
XYZ	61.2026, 45.1644, 100.0045
YIQ	184.7160, 14.5250, 50.6610

Conversions

Conversions Part 2

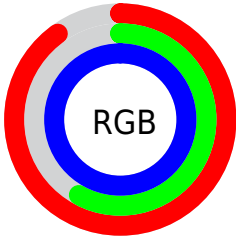
Format	Color
R_{YB}	230, 148, 255
Decimal	15111423
CIE _{Lab}	73.00, 48.14, -40.96
CIE _{LCh}	73, 63.211, 319.609
Yxy	45.1644, 0.2966, 0.2188
Android (android.graphics.Color)	4293301503 (0xFFE694FF)
YUV	184.7160, 34.6500, 39.7141
Hunter-Lab	67.2044, 44.9509, -41.1841

Details

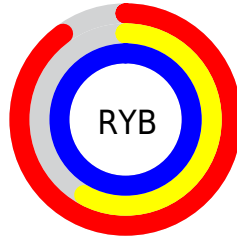
The CIELCh color **73, 63.211, 319.609** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 61.826, 135.502**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 31.983, 325.537**, and **53, 63.241, 319.656** is the 20% darker color. If you saturate the color by 10%, you get **67, 77.578, 319.960**, and if you desaturate by 10%, it is **79, 48.211, 319.198**.

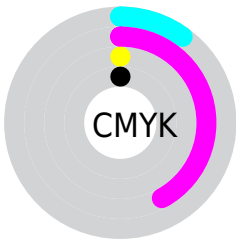
Distribution



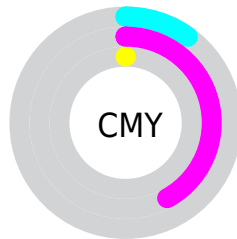
- Red (90%)
- Green (58%)
- Blue (100%)



- Red (90%)
- Yellow (58%)
- Blue (100%)



- Cyan (10%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (42%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 63.211, 319.609 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, 63.211, 319.609 by changing the saturation by 10% instead.


 73, 63.211,
319.609


 73, 63.211,
319.609


 100, 63.211,
319.609


 63, 63.211,
319.609


 93, 63.211,
319.609

 53, 63.211,
319.609

 43, 63.211,
319.609

 33, 63.211,
319.609

 23, 63.211,
319.609

 13, 63.211,
319.609

 3, 63.211, 319.609

■ 0, 63.211, 319.609

■ 73, 63.211,
319.609

■ 73, 63.211,
319.609

■ 67, 77.578,
319.960

■ 79, 48.211,
319.198

■ 62, 90.749,
320.210

■ 85, 32.996,
318.756

■ 58, 102.016,
320.309

■ 92, 17.841,
318.304

■ 54, 110.645,
320.203

■ 99, 2.919, 317.799

■ 52, 116.108,
319.844

100, 0.045,
108.467

■ 51, 118.428,
319.385

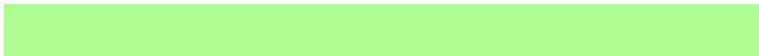
Harmonies

Complementary

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



73, 63.211, 319.609



93, 61.826, 135.502

Rectangle

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



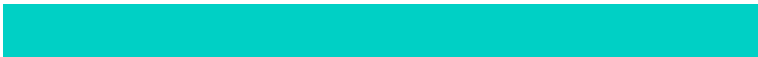
73, 63.211, 319.609



73, 63.211, 9.609



73, 63.211, 139.609



73, 63.211, 189.609

Sweetspot

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



73, 63.209, 319.609



91, 19.394, 318.351



72, 43.990, 284.135



47, 13.597, 318.451



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, 63.209, 319.609



68, 74.842, 319.897



75, 55.937, 335.327



50, 8.455, 318.192



38, 95.356, 319.523



9, 43.677, 320.493

Inverse Universe

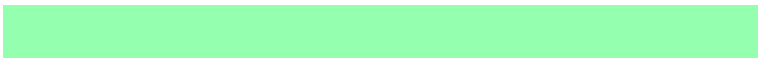
The Inverse Universe completely reimagines the original color for something new.



73, 43.216, 6.119



69, 51.798, 7.769



92, 55.622, 148.668



50, 5.499, 1.568



40, 73.348, 26.969



10, 31.790, 16.940

Previews

White Background



This preview shows how the CIELCh color 73, 63.211, 319.609 looks on a white background.

Color Contrast Check

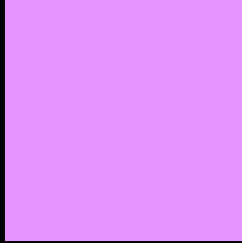
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 63.211, 319.609 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, 63.211, 319.609

Background



This preview shows how black text looks on a background with the CIELCh color 73, 63.211, 319.609.

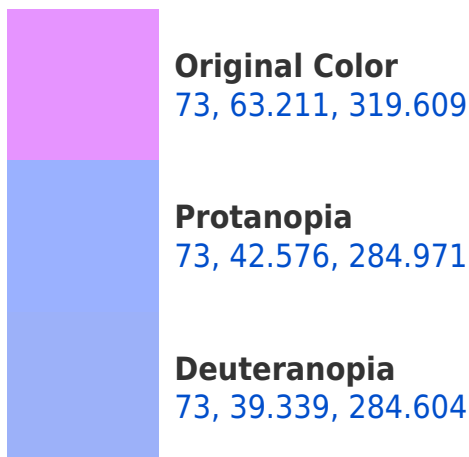


This preview shows how white text looks on a background with the CIELCh color 73, 63.211, 319.609.

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, 21.862, 2.827

Trichromacy



Original Color
73, 63.211, 319.609



Protanomaly
73, 48.812, 300.385



Deuteranomaly
72, 46.714, 300.920

Tritanomaly
73, 34.286, 334.920

Monochromacy



Original Color
73, 63.211, 319.609



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 23.135, 318.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 63.211, 319.609 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(230, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 148, 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(230, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 148, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 63.211, 319.609 is called "border". The border property can be set on classes, ids or directly on the HTML element.

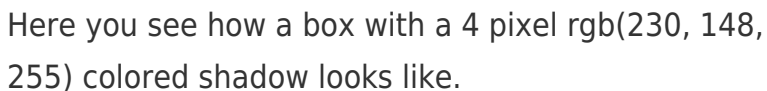
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 148, 255) }
```

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

```
.border{ border-color:rgb(230, 148, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 148,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 63.211, 319.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 148, 255) }
```

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

```
.background{ background-color: rgb(230,  
148, 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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