

Converting Colors

CIELCh(73, 64.791, 316.014)

Have a look what the booklet for
CIELCh(73, 64.791, 316.014)
contains.

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Color

CIELCh(73, 61.306, 317.354)

Conversions

Conversions Part 1

Format	Color
Hex	E097FF
RGB	224, 151, 255
RGB Percent	88%, 59%, 100%
CMY	0.1221, 0.4086, 0.0000
CMYK	0.12, 0.41, 0.00, 0.00
HSL	282°, 100%, 80%
HSV	282°, 41%, 100%
XYZ	59.9146, 45.1644, 100.8898
YIQ	184.6830, 10.1240, 47.8200

Conversions

Conversions Part 2

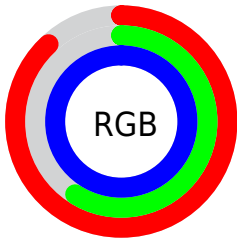
Format	Color
RYB	224, 151, 255
Decimal	14718975
CIELab	73.00, 45.09, -41.53
CIElCh	73, 61.306, 317.354
Yxy	45.1644, 0.2909, 0.2193
Android (android.graphics.Color)	4292909055 (0xFFE097FF)
YUV	184.6830, 34.6663, 34.4810
Hunter-Lab	67.2044, 41.5300, -41.9652

Details

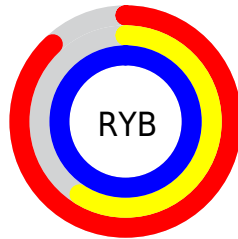
The CIELCh color **73, 61.306, 317.354** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **93, 59.081, 133.703**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 30.725, 325.494**, and **53, 60.987, 317.513** is the 20% darker color. If you saturate the color by 10%, you get **67, 75.456, 317.895**, and if you desaturate by 10%, it is **79, 45.906, 317.103**.

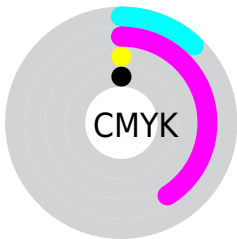
Distribution



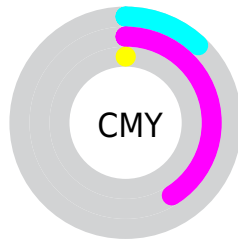
- Red (88%)
- Green (59%)
- Blue (100%)



- Red (88%)
- Yellow (59%)
- Blue (100%)



- Cyan (12%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (41%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 61.306, 317.354 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, 61.306, 317.354 by changing the saturation by 10% instead.


 73, 61.306,
317.354


 73, 61.306,
317.354


 100, 61.306,
317.354


 63, 61.306,
317.354


 93, 61.306,
317.354

 53, 61.306,
317.354

 43, 61.306,
317.354

 33, 61.306,
317.354

 23, 61.306,
317.354

 13, 61.306,
317.354

 3, 61.306, 317.354

0, 61.306, 317.354

73, 61.306,
317.354

73, 61.306,
317.354

67, 75.456,
317.895

79, 45.906,
317.103

61, 89.041,
318.170

86, 30.829,
316.660

57, 100.960,
318.292

93, 15.901,
316.214

53, 110.415,
318.193

99, 1.260, 315.633

50, 116.733,
317.810

100, 0.012,
296.813

48, 119.856,
317.212

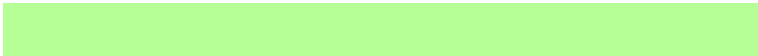
Harmonies

Complementary

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



73, 61.306, 317.354



93, 59.081, 133.703

Rectangle

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



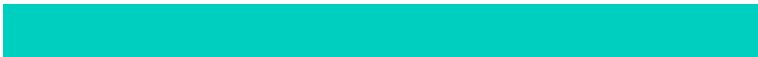
73, 61.306, 317.354



73, 61.306, 7.354



73, 61.306, 137.354



73, 61.306, 187.354

Sweetspot

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



73, 60.901, 317.525



92, 17.584, 316.265



74, 40.094, 280.581



48, 11.679, 316.323



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, 60.901, 317.525



68, 72.797, 317.832



76, 56.432, 333.238



50, 8.309, 316.154



36, 96.443, 317.376



8, 44.084, 318.539

Inverse Universe

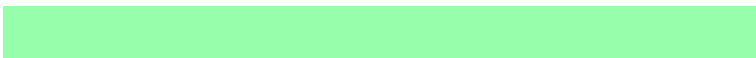
The Inverse Universe completely reimagines the original color for something new.



74, 42.687, 1.113



70, 51.287, 2.666



92, 56.302, 147.083



50, 5.663, 356.890



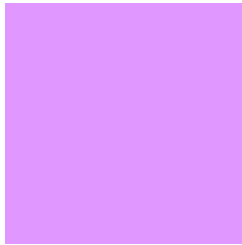
40, 70.721, 21.361



10, 31.465, 12.826

Previews

White Background



This preview shows how the CIELCh color 73, 61.306, 317.354 looks on a white background.

Color Contrast Check

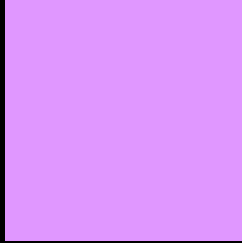
Large Text (above 18pt) WCAG AA × Fail

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, 61.306, 317.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

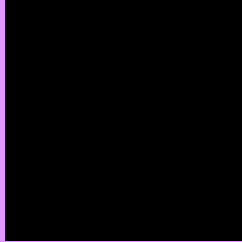
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 61.306, 317.354

Background



This preview shows how black text looks on a background with the CIELCh color 73, 61.306, 317.354.

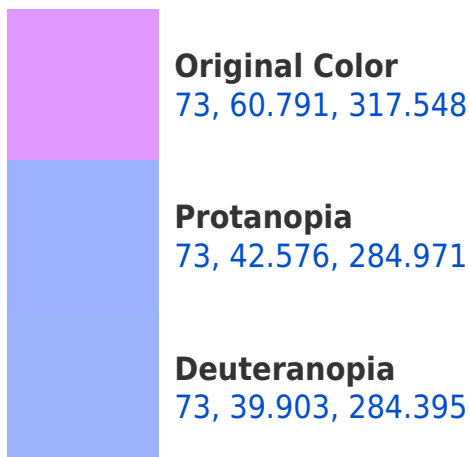


This preview shows how white text looks on a background with the CIELCh color 73, 61.306, 317.354.

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](#).

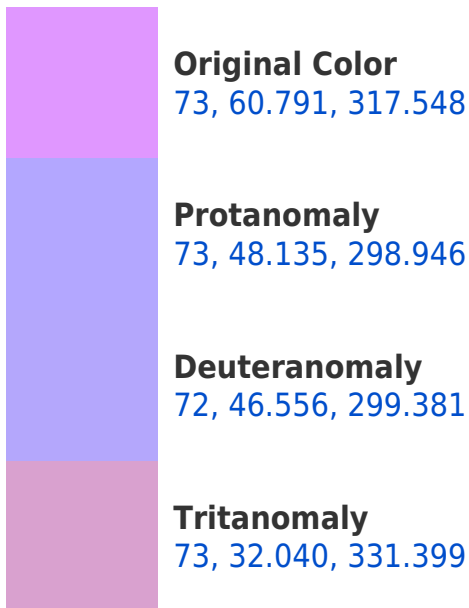
Dichromacy



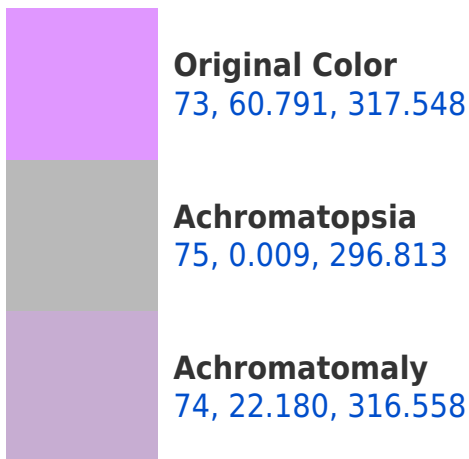


Tritanopia
73, 18.893, 359.404

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 61.306, 317.354 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(224, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 151, 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(224, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 151, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 61.306, 317.354 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(224, 151, 255) }
```

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

```
.border{ border-color:rgb(224, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 151,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 61.306, 317.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 151, 255) }
```

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

```
.background{ background-color: rgb(224,  
151, 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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