

Converting Colors

CIELCh(73, 44.066, 288.751)

Have a look what the booklet for
CIELCh(73, 44.066, 288.751)
contains.

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Color

CIELCh(73, 44.048, 288.858)

Conversions

Conversions Part 1

Format	Color
Hex	A0AEFF
RGB	160, 174, 255
RGB Percent	63%, 68%, 100%
CMY	0.3711, 0.3163, 0.0000
CMYK	0.37, 0.32, 0.00, 0.00
HSL	231°, 100%, 81%
HSV	231°, 37%, 100%
XYZ	47.8865, 45.1644, 101.1241
YIQ	179.0480, -34.3450, 22.2230

Conversions

Conversions Part 2

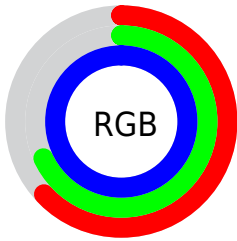
Format	Color
RYB	160, 172, 255
Decimal	10530559
CIELab	73.00, 14.24, -41.68
CIElCh	73, 44.048, 288.858
Yxy	45.1644, 0.2466, 0.2326
Android (android.graphics.Color)	4288720639 (0xFFA0AEFF)
YUV	179.0480, 37.4443, -16.7051
Hunter-Lab	67.2044, 9.5822, -42.1720

Details

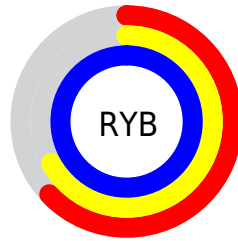
The CIELCh color **73, 44.048, 288.858** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **95, 41.186, 99.171**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.983, 274.556**, and **53, 44.002, 288.945** is the 20% darker color. If you saturate the color by 10%, you get **66, 56.704, 290.896**, and if you desaturate by 10%, it is **80, 31.459, 287.017**.

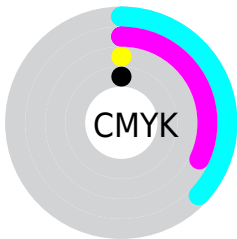
Distribution



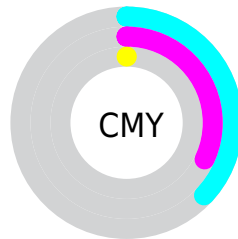
- Red (63%)
- Green (68%)
- Blue (100%)



- Red (63%)
- Yellow (67%)
- Blue (100%)



- Cyan (37%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 44.048, 288.858 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, 44.048, 288.858 by changing the saturation by 10% instead.


 73, 44.048,
288.858

 73, 44.048,
288.858

 100, 44.048,
288.858


 63, 44.048,
288.858


 93, 44.048,
288.858

 53, 44.048,
288.858

 43, 44.048,
288.858

 33, 44.048,
288.858

 23, 44.048,
288.858

 13, 44.048,
288.858

 3, 44.048, 288.858

■ 0, 44.048, 288.858

■ 73, 44.048,
288.858

■ 73, 44.048,
288.858

■ 66, 56.704,
290.896

■ 80, 31.459,
287.017

■ 59, 70.057,
293.287

■ 88, 19.518,
285.490

■ 52, 83.824,
295.943

■ 95, 7.983, 284.197

■ 46, 97.699,
298.744

100, 0.012,
296.813

■ 40, 110.923,
301.466

■ 36, 122.144,
303.800

■ 35,124.812,
304.335

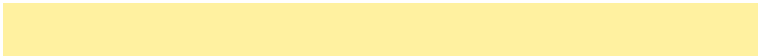
Harmonies

Complementary

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



73, 44.048, 288.858



95, 41.186, 99.171

Rectangle

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



73, 44.048, 288.858



73, 44.048, 338.858



73, 44.048, 108.858



73, 44.048, 158.858

Sweetspot

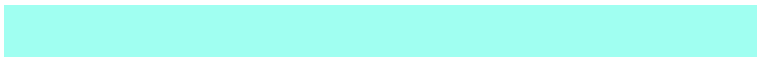
The Sweet Spot groups the original color and five complimentary colors.



73, 43.842, 288.810



92, 12.425, 284.673



94, 31.227, 183.834



48, 8.367, 284.847



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, 43.842, 288.810



67, 53.951, 290.431



72, 52.716, 306.082



49, 6.407, 284.486



26, 99.329, 303.988



5, 39.424, 298.941

Inverse Universe

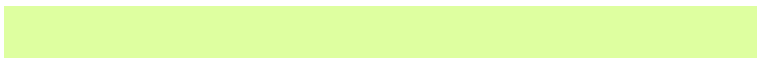
The Inverse Universe completely reimagines the original color for something new.



76, 37.575, 11.737



71, 46.261, 13.219



96, 49.033, 121.648



50, 5.343, 8.105



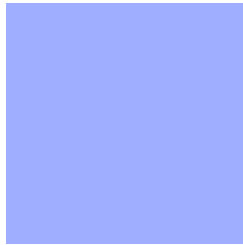
40, 77.592, 33.220



10, 32.293, 21.113

Previews

White Background



This preview shows how the CIELCh color 73, 44.048, 288.858 looks on a white background.

Color Contrast Check

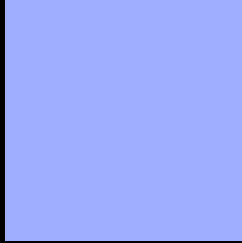
Large Text (above 18pt) WCAG AA × Fail

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, 44.048, 288.858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

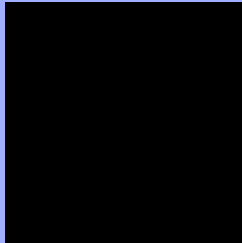
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 44.048, 288.858

Background



This preview shows how black text looks on a background with the CIELCh color 73, 44.048, 288.858.



This preview shows how white text looks on a background with the CIELCh color 73, 44.048, 288.858.

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



Original Color

73, 44.048, 288.858

Protanopia

73, 43.111, 285.552

Deuteranopia

73, 42.162, 283.666



Tritanopia
73, 14.966, 231.747

Trichromacy



Original Color
73, 44.048, 288.858

Protanomaly
73, 43.592, 286.847

Deuteranomaly
73, 42.583, 285.373

Tritanomaly
73, 22.830, 267.923

Monochromacy



Original Color
73, 44.048, 288.858

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 16.365, 285.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 44.048, 288.858 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(160, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 174, 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(160, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 174, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 44.048, 288.858 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(160, 174, 255) }
```

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

```
.border{ border-color:rgb(160, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 174,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 44.048, 288.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 174, 255) }
```

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

```
.background{ background-color: rgb(160,  
174, 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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