

Converting Colors

CIELCh(73, 41.478, 272.957)

Have a look what the booklet for
CIELCh(73, 41.478, 272.957)
contains.

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Color

CIELCh(73, 41.490, 272.996)

Conversions

Conversions Part 1

Format	Color
Hex	81B6FF
RGB	129, 182, 255
RGB Percent	51%, 71%, 100%
CMY	0.4954, 0.2875, 0.0013
CMYK	0.49, 0.29, 0.00, 0.00
HSL	215°, 99%, 75%
HSV	215°, 49%, 100%
XYZ	43.6595, 45.1644, 100.7355
YIQ	174.4750, -55.0210, 11.4670

Conversions

Conversions Part 2

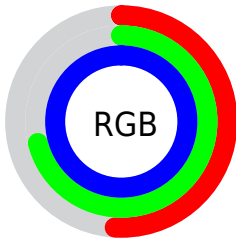
Format	Color
RYB	129, 166, 255
Decimal	8500991
CIELab	73.00, 2.17, -41.43
CIElCh	73, 41.490, 272.996
Yxy	45.1644, 0.2303, 0.2383
Android (android.graphics.Color)	4286691071 (0xFF81B6FF)
YUV	174.4750, 39.6988, -39.8816
Hunter-Lab	67.2044, -1.6449, -41.8291

Details

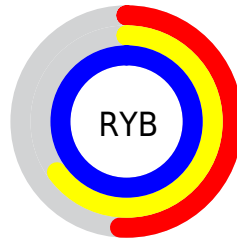
The CIELCh color **73, 41.490, 272.996** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **84, 44.604, 76.787**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 18.377, 227.316**, and **53, 41.740, 273.355** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.948, 276.008**, and if you desaturate by 10%, it is **78, 33.073, 270.414**.

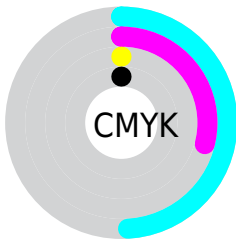
Distribution



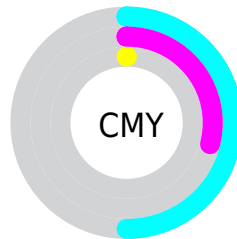
- Red (51%)
- Green (71%)
- Blue (100%)



- Red (51%)
- Yellow (65%)
- Blue (100%)



- Cyan (49%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (50%)
- Magenta (29%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 41.490, 272.996 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, 41.490, 272.996 by changing the saturation by 10% instead.


 73, 41.490,
272.996


 73, 41.490,
272.996


 100, 41.490,
272.996


 63, 41.490,
272.996


 93, 41.490,
272.996

 53, 41.490,
272.996

 43, 41.490,
272.996

 33, 41.490,
272.996

 23, 41.490,
272.996

 13, 41.490,
272.996

 3, 41.490, 272.996

■ 0, 41.490, 272.996

■ 73, 41.490,
272.996

■ 73, 41.490,
272.996

■ 68, 49.948,
276.008

■ 78, 33.073,
270.414

■ 63, 58.502,
279.461

■ 84, 24.673,
268.220

■ 58, 67.225,
283.308

■ 89, 16.284,
266.364

■ 54, 76.177,
287.422

■ 95, 7.913, 264.806

■ 49, 85.352,
291.546

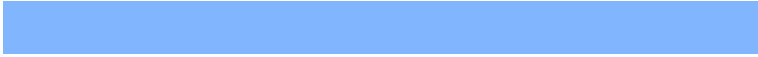
100, 0.162,
109.688

■ 49, 85.840,
291.749

Harmonies

Complementary

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



73, 41.490, 272.996



84, 44.604, 76.787

Rectangle

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



73, 41.490, 272.996



73, 41.490, 322.996



73, 41.490, 92.996



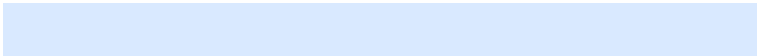
73, 41.490, 142.996

Sweetspot

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



73, 41.489, 272.996



92, 12.548, 265.632



92, 49.955, 162.000



48, 8.563, 265.970



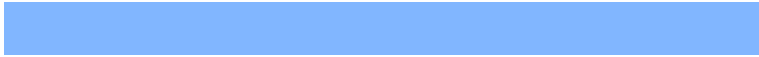
0, 0.000, 0.000



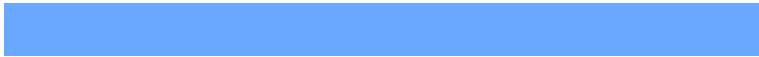
53, 0.007, 296.813

Same Dimension

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



73, 41.489, 272.996



68, 49.598, 275.857



60, 70.939, 299.159



50, 4.753, 264.811



37, 67.951, 291.008



10, 27.343, 285.112

Inverse Universe

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



70, 53.814, 354.132



65, 63.178, 355.997



97, 61.869, 108.579



50, 6.065, 348.960



41, 68.119, 9.782



10, 31.355, 3.027

Previews

White Background



This preview shows how the CIE LCh color 73, 41.490, 272.996 looks on a white background.

Color Contrast Check

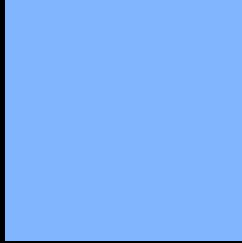
Large Text (above 18pt) WCAG AA × Fail

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, 41.490, 272.996 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

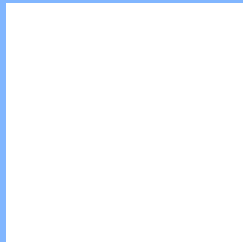
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 41.490, 272.996

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.490, 272.996.



This preview shows how white text looks on a background with the CIELCh color 73, 41.490, 272.996.

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, 25.111, 216.820

Trichromacy



Original Color
73, 41.490, 272.996

Protanomaly
73, 40.829, 280.719

Deuteranomaly
73, 42.082, 279.413

Tritanomaly
73, 27.627, 243.725

Monochromacy



Original Color
73, 41.490, 272.996

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 15.401, 266.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.490, 272.996 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(129, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(129, 182, 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(129, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 182, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.490, 272.996 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(129, 182, 255) }
```

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

```
.border{ border-color:rgb(129, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 182, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 182, 255); box-shadow:4px 4px 4px 4px rgb(129, 182, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.490, 272.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 182, 255) }
```

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

```
.background{ background-color: rgb(129,  
182, 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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