

Converting Colors

CIELCh(72, 41.906, 285.837)

Have a look what the booklet for
CIELCh(72, 41.906, 285.837)
contains.

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Color

CIELCh(72, 42.114, 286.041)

Conversions

Conversions Part 1

Format	Color
Hex	99ADFA
RGB	153, 173, 250
RGB Percent	60%, 68%, 98%
CMY	0.3993, 0.3209, 0.0189
CMYK	0.39, 0.31, 0.00, 0.02
HSL	228°, 91%, 79%
HSV	228°, 39%, 98%
XYZ	45.4343, 43.6590, 96.6316
YIQ	175.7980, -36.6370, 19.7070

Conversions

Conversions Part 2

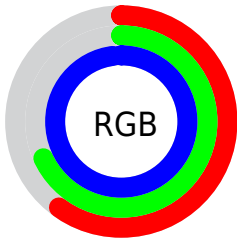
Format	Color
RYB	153, 170, 250
Decimal	10071546
CIELab	72.00, 11.64, -40.47
CIELCh	72, 42.114, 286.041
Yxy	43.6590, 0.2446, 0.2351
Android (android.graphics.Color)	4288261626 (0xFF99ADFA)
YUV	175.7980, 36.5816, -19.9938
Hunter-Lab	66.0750, 7.1085, -40.4564

Details

The CIELCh color `72, 42.114, 286.041` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `91, 40.160, 95.389`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 15.100, 267.990`, and `52, 41.981, 286.123` is the 20% darker color. If you saturate the color by 10%, you get `65, 53.856, 288.265`, and if you desaturate by 10%, it is `79, 30.764, 284.130`.

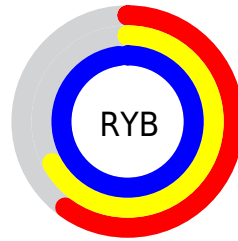
Distribution



Red (60%)

Green (68%)

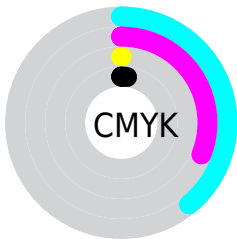
Blue (98%)



Red (60%)

Yellow (67%)

Blue (98%)

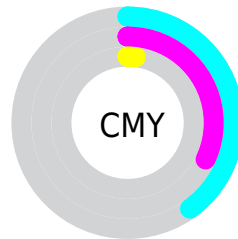


Cyan (39%)

Magenta (31%)

Yellow (0%)

Black (2%)



Cyan (40%)


Magenta (32%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 42.114, 286.041 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 72, 42.114, 286.041 by changing the saturation by 10% instead.


 72, 42.114,
286.041


 72, 42.114,
286.041


 100, 42.114,
286.041


 62, 42.114,
286.041


 92, 42.114,
286.041

 52, 42.114,
286.041

 42, 42.114,
286.041

 32, 42.114,
286.041

 22, 42.114,
286.041

 12, 42.114,
286.041

 2, 42.114, 286.041

0, 42.114, 286.041

72, 42.114,
286.041

72, 42.114,
286.041

65, 53.856,
288.265

79, 30.764,
284.130

59, 66.021,
290.816

86, 19.775,
282.498

52, 78.584,
293.662

92, 9.113, 281.114

46, 91.370,
296.698

99, 1.246, 99.745

100, 2.427,
109.965

41, 103.887,
299.724

37, 115.195,
302.438

■ 37,116.451,
302.723

Harmonies

Complementary

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



72, 42.114, 286.041



91, 40.160, 95.389

Rectangle

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



72, 42.114, 286.041



72, 42.114, 336.041



72, 42.114, 106.041



72, 42.114, 156.041

Sweetspot

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



72, 42.113, 286.041



92, 12.716, 281.537



92, 33.340, 178.168



48, 8.450, 281.714



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 42.113, 286.041



68, 52.554, 287.858



69, 54.086, 304.085



49, 5.906, 281.206



27, 92.830, 302.277



6, 35.817, 296.679

Inverse Universe

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



74, 38.988, 7.597



70, 48.492, 9.204



94, 49.735, 118.855



49, 5.351, 3.623



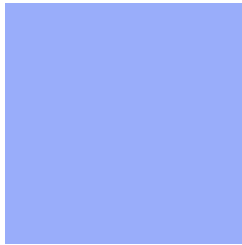
39, 73.870, 29.082



9, 30.962, 17.477

Previews

White Background



This preview shows how the CIELCh color 72, 42.114, 286.041 looks on a white background.

Color Contrast Check

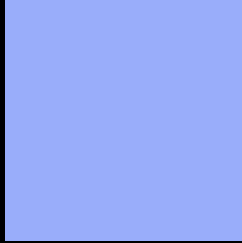
Large Text (above 18pt) WCAG AA × Fail

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 72, 42.114, 286.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

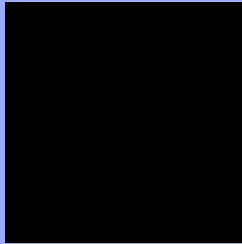
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 42.114, 286.041

Background



This preview shows how black text looks on a background with the CIELCh color 72, 42.114, 286.041.



This preview shows how white text looks on a background with the CIELCh color 72, 42.114, 286.041.

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

72, 42.114, 286.041

Protanopia

72, 42.146, 285.662

Deuteranopia

72, 41.718, 283.932



Tritanopia
72, 16.298, 228.721

Trichromacy



Original Color
72, 42.114, 286.041

Protanomaly
72, 42.146, 285.662

Deuteranomaly
72, 41.643, 284.686

Tritanomaly
72, 23.002, 263.801

Monochromacy



Original Color
72, 42.114, 286.041

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 15.397, 282.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 42.114, 286.041 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(153, 173, 250)` looks like.

```
.text, #text, p{  
    color:rgb(153, 173, 250)  
}
```

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(153, 173, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 173, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 42.114, 286.041 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(153, 173, 250) }
```

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

```
.border{ border-color:rgb(153, 173, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 173, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 173, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 173, 250);  
box-shadow:4px 4px 4px 4px rgb(153, 173,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 42.114, 286.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 173, 250) }
```

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

```
.background{ background-color: rgb(153,  
173, 250) }
```

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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