

Converting Colors

CIELCh(73, 42.977, 285.004)

Have a look what the booklet for
CIELCh(73, 42.977, 285.004)
contains.

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Color

CIELCh(73, 43.145, 285.187)

Conversions

Conversions Part 1

Format	Color
Hex	99B0FF
RGB	153, 176, 255
RGB Percent	60%, 69%, 100%
CMY	0.3991, 0.3089, 0.0000
CMYK	0.40, 0.31, 0.00, 0.00
HSL	226°, 100%, 80%
HSV	226°, 40%, 100%
XYZ	46.8346, 45.1644, 101.0536
YIQ	178.1290, -39.0670, 19.6930

Conversions

Conversions Part 2

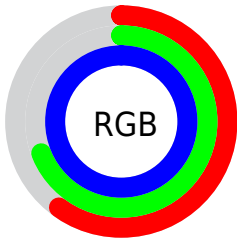
Format	Color
RYB	153, 172, 255
Decimal	10072319
CIELab	73.00, 11.30, -41.64
CIELCh	73, 43.145, 285.187
Yxy	45.1644, 0.2426, 0.2339
Android (android.graphics.Color)	4288262399 (0xFF99B0FF)
YUV	178.1290, 37.8974, -22.0381
Hunter-Lab	67.2044, 6.7884, -42.1097

Details

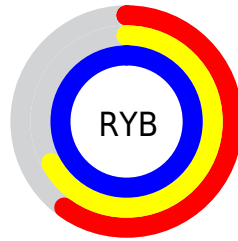
The CIELCh color **73, 43.145, 285.187** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **92, 41.246, 93.921**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 14.100, 261.508**, and **53, 43.066, 285.031** is the 20% darker color. If you saturate the color by 10%, you get **66, 54.651, 287.442**, and if you desaturate by 10%, it is **80, 31.765, 283.169**.

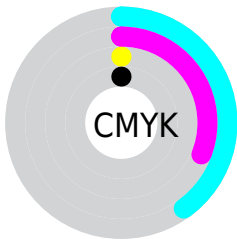
Distribution



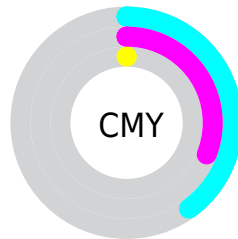
- Red (60%)
- Green (69%)
- Blue (100%)



- Red (60%)
- Yellow (67%)
- Blue (100%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (31%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 43.145, 285.187 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, 43.145, 285.187 by changing the saturation by 10% instead.


 73, 43.145,
285.187


 73, 43.145,
285.187


 100, 43.145,
285.187


 63, 43.145,
285.187


 93, 43.145,
285.187

 53, 43.145,
285.187

 43, 43.145,
285.187

 33, 43.145,
285.187

 23, 43.145,
285.187

 13, 43.145,
285.187

 3, 43.145, 285.187

■ 0, 43.145, 285.187

■ 73, 43.145,
285.187

■ 73, 43.145,
285.187

■ 66, 54.651,
287.442

■ 80, 31.765,
283.169

■ 60, 66.687,
290.074

■ 87, 20.849,
281.482

■ 54, 79.112,
293.009

■ 93, 10.241,
280.049

■ 48, 91.773,
296.139

100, 0.012,
296.813

■ 42, 104.218,
299.262

■ 38, 115.589,
302.065

■ 38,115.684,
302.087

Harmonies

Complementary

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



73, 43.145, 285.187



92, 41.246, 93.921

Rectangle

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



73, 43.145, 285.187



73, 43.145, 335.187



73, 43.145, 105.187



73, 43.145, 155.187

Sweetspot

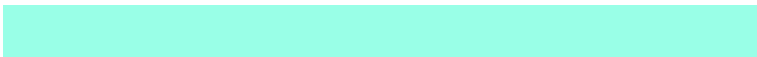
The Sweet Spot groups the original color and five complimentary colors.



73, 43.020, 285.144



92, 12.434, 280.329



93, 35.140, 176.727



48, 8.261, 280.509



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, 43.020, 285.144



68, 52.399, 286.977



69, 56.587, 303.671



50, 5.872, 279.996



28, 91.737, 301.609



6, 36.655, 296.782

Inverse Universe

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



74, 40.951, 6.321



70, 49.641, 7.918



96, 51.780, 118.093



50, 5.482, 2.144



40, 73.706, 27.594



10, 31.834, 17.374

Previews

White Background



This preview shows how the CIE LCh color 73, 43.145, 285.187 looks on a white background.

Color Contrast Check

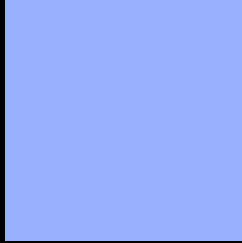
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 43.145, 285.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

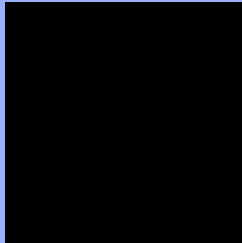
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 43.145, 285.187

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.145, 285.187.



This preview shows how white text looks on a background with the CIELCh color 73, 43.145, 285.187.

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, 43.145, 285.187

Protanopia

73, 43.111, 285.552

Deuteranopia

73, 42.726, 283.509



Tritanopia
73, 17.322, 226.584

Trichromacy



Original Color
73, 43.145, 285.187

Protanomaly
73, 43.111, 285.552

Deuteranomaly
73, 42.687, 283.871

Tritanomaly
73, 23.466, 261.062

Monochromacy



Original Color
73, 43.145, 285.187

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 15.948, 281.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.145, 285.187 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, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 176, 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(153, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 176, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.145, 285.187 is called "border". The border property can be set on classes, ids or directly on the HTML element.

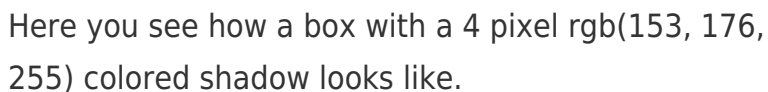
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 176, 255) }
```

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

```
.border{ border-color:rgb(153, 176, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 176, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 176, 255); box-shadow:4px 4px 4px 4px rgb(153, 176, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.145, 285.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 176, 255) }
```

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

```
.background{ background-color: rgb(153,  
176, 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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