

Converting Colors

CIELCh(72, 43.410, 282.401)

Have a look what the booklet for
CIELCh(72, 43.410, 282.401)
contains.

CIELCh(72, 43.500, 282.387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 43.500, 282.387)

Conversions

Conversions Part 1

Format	Color
Hex	90AFFE
RGB	144, 175, 254
RGB Percent	56%, 69%, 100%
CMY	0.4359, 0.3143, 0.0046
CMYK	0.43, 0.31, 0.00, 0.00
HSL	223°, 98%, 78%
HSV	223°, 43%, 100%
XYZ	44.6351, 43.6590, 99.6999
YIQ	174.7370, -43.8350, 17.9970

Conversions

Conversions Part 2

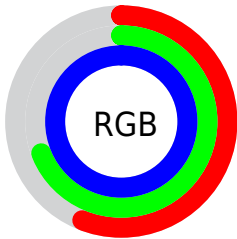
Format	Color
RYB	144, 168, 254
Decimal	9482238
CIELab	72.00, 9.33, -42.49
CIELCh	72, 43.500, 282.387
Yxy	43.6590, 0.2374, 0.2322
Android (android.graphics.Color)	4287672318 (0xFF90AFFE)
YUV	174.7370, 39.0767, -26.9563
Hunter-Lab	66.0750, 4.9495, -43.2097

Details

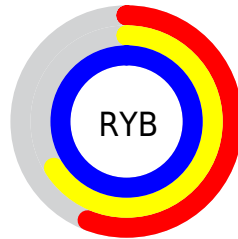
The CIELCh color **72, 43.500, 282.387** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **90, 42.568, 89.445**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.865, 254.321**, and **52, 43.468, 282.250** is the 20% darker color. If you saturate the color by 10%, you get **66, 54.231, 284.900**, and if you desaturate by 10%, it is **78, 33.060, 280.223**.

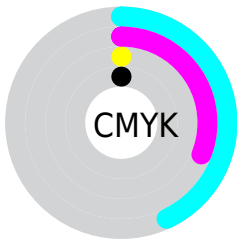
Distribution



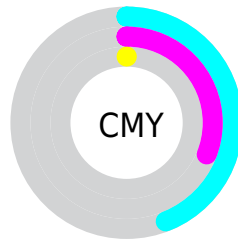
- Red (56%)
- Green (69%)
- Blue (100%)



- Red (56%)
- Yellow (66%)
- Blue (100%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)




- Cyan (44%)
- Magenta (31%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 43.500, 282.387 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, 43.500, 282.387 by changing the saturation by 10% instead.


 72, 43.500,
282.387


 72, 43.500,
282.387


 100, 43.500,
282.387


 62, 43.500,
282.387


 92, 43.500,
282.387

 52, 43.500,
282.387

 42, 43.500,
282.387

 32, 43.500,
282.387

 22, 43.500,
282.387

 12, 43.500,
282.387

 2, 43.500, 282.387

0, 43.500, 282.387

72, 43.500,
282.387

72, 43.500,
282.387

66, 54.231,
284.900

78, 33.060,
280.223

60, 65.295,
287.771

85, 22.880,
278.374

54, 76.700,
290.963

91, 12.934,
276.800

48, 88.355,
294.361

97, 3.207, 275.504

44, 99.947,
297.758

100, 0.580,
110.001

41, 107.356,
299.852

Harmonies

Complementary

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



72, 43.500, 282.387



90, 42.568, 89.445

Rectangle

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



72, 43.500, 282.387



72, 43.500, 332.387



72, 43.500, 102.387



72, 43.500, 152.387

Sweetspot

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



72, 43.499, 282.387



92, 12.654, 276.753



93, 39.085, 172.557



48, 8.875, 277.077



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, 43.499, 282.387



67, 52.979, 284.547



66, 61.413, 302.495



50, 5.515, 276.265



30, 85.307, 299.299



7, 34.223, 294.481

Inverse Universe

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



72, 44.957, 2.796



68, 54.207, 4.581



96, 55.358, 115.761



50, 5.616, 358.082



40, 71.334, 22.878



10, 31.540, 13.981

Previews

White Background



This preview shows how the CIELCh color 72, 43.500, 282.387 looks on a white background.

Color Contrast Check

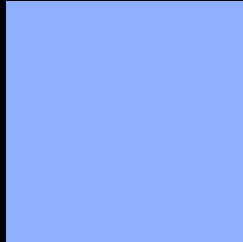
Large Text (above 18pt) WCAG AA × Fail

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 72, 43.500, 282.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

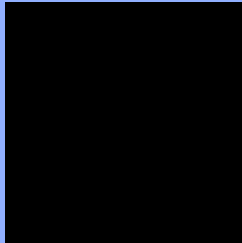
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

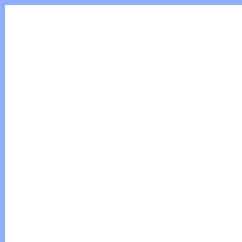
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 43.500, 282.387

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.500, 282.387.



This preview shows how white text looks on a background with the CIELCh color 72, 43.500, 282.387.

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

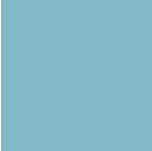
72, 43.500, 282.387

Protanopia

72, 43.768, 285.822

Deuteranopia

72, 43.980, 283.330



Tritanopia
72, 19.690, 222.843

Trichromacy



Original Color
72, 43.500, 282.387

Protanomaly
72, 43.337, 284.173

Deuteranomaly
72, 43.980, 283.330

Tritanomaly
72, 25.227, 256.692

Monochromacy



Original Color
72, 43.500, 282.387

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 16.162, 278.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.500, 282.387 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(144, 175, 254)` looks like.

```
.text, #text, p{  
    color:rgb(144, 175, 254)  
}
```

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(144, 175, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 175, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.500, 282.387 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(144, 175, 254) }
```

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

```
.border{ border-color:rgb(144, 175, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 175, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 175, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 175, 254);  
box-shadow:4px 4px 4px 4px rgb(144, 175,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.500, 282.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 175, 254) }
```

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

```
.background{ background-color: rgb(144,  
175, 254) }
```

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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