

Converting Colors

CIELCh(70, 40.907, 283.299)

Have a look what the booklet for
CIELCh(70, 40.907, 283.299)
contains.

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Color

CIELCh(70, 40.907, 283.299)

Conversions

Conversions Part 1

Format	Color
Hex	8FA9F3
RGB	143, 169, 243
RGB Percent	56%, 66%, 95%
CMY	0.4387, 0.3368, 0.0466
CMYK	0.41, 0.30, 0.00, 0.05
HSL	224°, 81%, 76%
HSV	224°, 41%, 95%
XYZ	41.7562, 40.7494, 90.5604
YIQ	169.6620, -39.2500, 17.5020

Conversions

Conversions Part 2

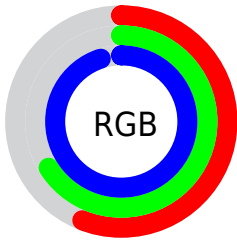
Format	Color
R_{YB}	143, 164, 243
Decimal	9415155
CIE _{Lab}	70.00, 9.41, -39.81
CIE _{LCh}	70, 40.907, 283.299
Yxy	40.7494, 0.2413, 0.2355
Android (android.graphics.Color)	4287605235 (0xFF8FA9F3)
YUV	169.6620, 36.1556, -23.3826
Hunter-Lab	63.8353, 5.0494, -39.4276

Details

The CIELCh color `70, 40.907, 283.299` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `87, 39.715, 91.385`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 17.760, 265.231`, and `50, 40.780, 283.190` is the 20% darker color. If you saturate the color by 10%, you get `64, 51.566, 285.686`, and if you desaturate by 10%, it is `76, 30.557, 281.246`.

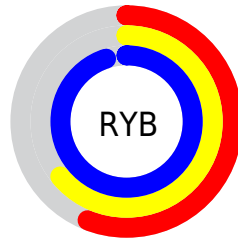
Distribution



Red (56%)

Green (66%)

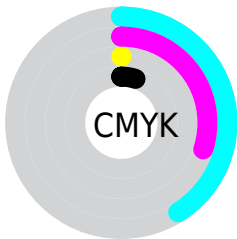
Blue (95%)



Red (56%)

Yellow (64%)

Blue (95%)

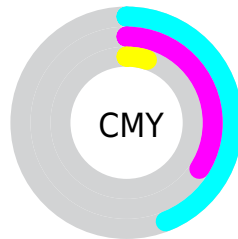


Cyan (41%)

Magenta (30%)

Yellow (0%)

Black (5%)



Cyan (44%)


Magenta (34%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 40.907, 283.299 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 70, 40.907, 283.299 by changing the saturation by 10% instead.


 70, 40.907,
283.299


 70, 40.907,
283.299


 100, 40.907,
283.299


 60, 40.907,
283.299


 90, 40.907,
283.299

 50, 40.907,
283.299

 40, 40.907,
283.299

 30, 40.907,
283.299

 20, 40.907,
283.299

 10, 40.907,
283.299

 0, 40.907, 283.299

70, 40.907,
283.299

70, 40.907,
283.299

64, 51.566,
285.686

76, 30.557,
281.246

58, 62.571,
288.420

83, 20.485,
279.493

52, 73.927,
291.473

89, 10.665,
278.001

46, 85.539,
294.742

95, 1.080, 276.899

42, 97.089,
298.035

100, 6.007,
109.716

38, 106.776,
300.721

Harmonies

Complementary

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



70, 40.907, 283.299



87, 39.715, 91.385

Rectangle

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



70, 40.907, 283.299



70, 40.907, 333.299



70, 40.907, 103.299



70, 40.907, 153.299

Sweetspot

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



70, 40.906, 283.299



92, 11.963, 278.125



89, 35.593, 174.065



48, 7.947, 278.309



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 40.906, 283.299



68, 51.217, 285.179



65, 56.112, 302.749



48, 5.466, 277.779



29, 85.994, 300.210



6, 32.336, 294.070

Inverse Universe

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



71, 40.928, 3.991



69, 50.910, 5.567



92, 51.007, 116.617



48, 5.377, 359.647



39, 70.710, 24.667



9, 29.785, 13.625

Previews

White Background



This preview shows how the CIE LCh color 70, 40.907, 283.299 looks on a white background.

Color Contrast Check

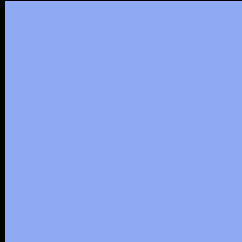
Large Text (above 18pt) WCAG AA × Fail

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 70, 40.907, 283.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

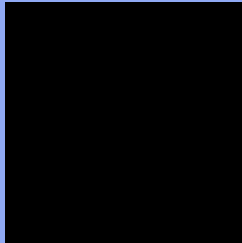
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 40.907, 283.299

Background



This preview shows how black text looks on a background with the CIELCh color 70, 40.907, 283.299.



This preview shows how white text looks on a background with the CIELCh color 70, 40.907, 283.299.

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

70, 40.907, 283.299

Protanopia

70, 40.759, 285.266

Deuteranopia

70, 40.907, 283.299



Tritanopia
70, 17.725, 224.067

Trichromacy



Original Color
70, 40.907, 283.299

Protanomaly
70, 40.793, 284.875

Deuteranomaly
70, 40.907, 283.299

Tritanomaly
70, 23.010, 258.391

Monochromacy



Original Color
70, 40.907, 283.299

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 15.117, 278.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 40.907, 283.299 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(143, 169, 243)` looks like.

```
.text, #text, p{  
    color:rgb(143, 169, 243)  
}
```

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(143, 169, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 169, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 40.907, 283.299 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(143, 169, 243) }
```

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

```
.border{ border-color:rgb(143, 169, 243) }
```

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

Here you see how a box with a 4 pixel rgb(143, 169, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 169, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 169, 243);  
box-shadow:4px 4px 4px 4px rgb(143, 169,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 40.907, 283.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 169, 243) }
```

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

```
.background{ background-color: rgb(143,  
169, 243) }
```

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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