

Converting Colors

CIELCh(70, 41.945, 283.370)

Have a look what the booklet for
CIELCh(70, 41.945, 283.370)
contains.

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Color

CIELCh(70, 42.004, 283.365)

Conversions

Conversions Part 1

Format	Color
Hex	8EA9F5
RGB	142, 169, 245
RGB Percent	56%, 66%, 96%
CMY	0.4429, 0.3370, 0.0390
CMYK	0.42, 0.31, 0.00, 0.04
HSL	224°, 84%, 76%
HSV	224°, 42%, 96%
XYZ	41.8549, 40.7494, 92.0950
YIQ	169.5910, -40.4880, 17.9120

Conversions

Conversions Part 2

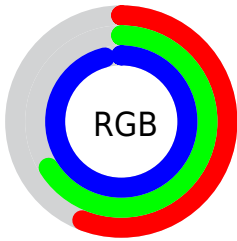
Format	Color
RYB	142, 163, 245
Decimal	9349621
CIELab	70.00, 9.71, -40.87
CIELCh	70, 42.004, 283.365
Yxy	40.7494, 0.2396, 0.2333
Android (android.graphics.Color)	4287539701 (0xFF8EA9F5)
YUV	169.5910, 37.1766, -24.1973
Hunter-Lab	63.8353, 5.3255, -40.8528

Details

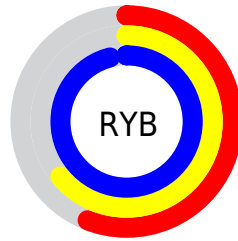
The CIELCh color `70, 42.004, 283.365` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `88, 40.775, 91.105`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 17.892, 264.306`, and `50, 41.932, 283.414` is the 20% darker color. If you saturate the color by 10%, you get `64, 52.725, 285.788`, and if you desaturate by 10%, it is `76, 31.593, 281.279`.

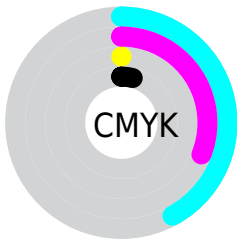
Distribution



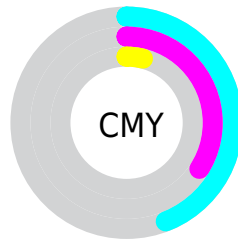
- Red (56%)
- Green (66%)
- Blue (96%)



- Red (56%)
- Yellow (64%)
- Blue (96%)



- Cyan (42%)
- Magenta (31%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (34%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 42.004, 283.365 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, 42.004, 283.365 by changing the saturation by 10% instead.

■ 70, 42.004,
283.365

■ 70, 42.004,
283.365

■ 100, 42.004,
283.365

■ 60, 42.004,
283.365

■ 90, 42.004,
283.365

■ 50, 42.004,
283.365

■ 40, 42.004,
283.365

■ 30, 42.004,
283.365

■ 20, 42.004,
283.365

■ 10, 42.004,
283.365

■ 0, 42.004, 283.365

70, 42.004,
283.365

70, 42.004,
283.365

64, 52.725,
285.788

76, 31.593,
281.279

58, 63.795,
288.560

83, 21.462,
279.496

52, 75.213,
291.647

89, 11.583,
277.979

46, 86.875,
294.938

95, 1.940, 276.768

42, 98.439,
298.234

100, 5.028,
109.787

38, 107.159,
300.644

Harmonies

Complementary

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



70, 42.004, 283.365



88, 40.775, 91.105

Rectangle

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



70, 42.004, 283.365



70, 42.004, 333.365



70, 42.004, 103.365



70, 42.004, 153.365

Sweetspot

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



70, 42.003, 283.365



92, 12.942, 278.119



90, 36.512, 173.953



47, 9.079, 278.439



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, 42.003, 283.365



67, 52.185, 285.295



65, 57.797, 302.847



48, 5.453, 277.632



29, 85.746, 300.118



6, 32.257, 293.990

Inverse Universe

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



71, 42.145, 3.997



69, 51.973, 5.622



93, 52.401, 116.562



48, 5.382, 359.491



39, 70.623, 24.482



9, 29.778, 13.502

Previews

White Background



This preview shows how the CIE LCh color 70, 42.004, 283.365 looks on a white background.

Color Contrast Check

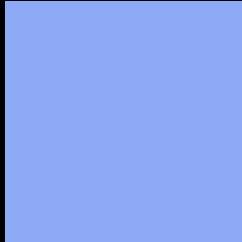
Large Text (above 18pt) WCAG AA × Fail

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, 42.004, 283.365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

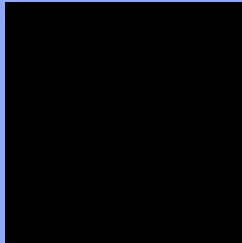
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 42.004, 283.365

Background



This preview shows how black text looks on a background with the CIELCh color 70, 42.004, 283.365.



This preview shows how white text looks on a background with the CIELCh color 70, 42.004, 283.365.

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

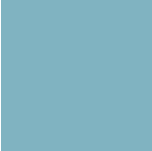
70, 42.004, 283.365

Protanopia

70, 41.858, 285.260

Deuteranopia

70, 42.004, 283.365



Tritanopia
70, 18.256, 223.229

Trichromacy



Original Color
70, 42.004, 283.365

Protanomaly
70, 41.893, 284.884

Deuteranomaly
70, 42.004, 283.365

Tritanomaly
70, 23.737, 258.042

Monochromacy



Original Color
70, 42.004, 283.365

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, 42.004, 283.365 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(142, 169, 245)` looks like.

```
.text, #text, p{  
    color:rgb(142, 169, 245)  
}
```

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(142, 169, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 169, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 42.004, 283.365 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(142, 169, 245) }
```

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

```
.border{ border-color:rgb(142, 169, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 169, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 169, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 169, 245); box-shadow:4px 4px 4px 4px rgb(142, 169, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 42.004, 283.365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 169, 245) }
```

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

```
.background{ background-color: rgb(142,  
169, 245) }
```

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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