

Converting Colors

CIELCh(70, 41.964, 283.732)

Have a look what the booklet for
CIELCh(70, 41.964, 283.732)
contains.

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Color

CIELCh(70, 41.964, 283.732)

Conversions

Conversions Part 1

Format	Color
Hex	8FA9F5
RGB	143, 169, 245
RGB Percent	56%, 66%, 96%
CMY	0.4397, 0.3377, 0.0397
CMYK	0.42, 0.31, 0.00, 0.04
HSL	225°, 83%, 76%
HSV	225°, 42%, 96%
XYZ	41.9382, 40.7494, 91.9462
YIQ	169.8900, -39.8920, 18.1240

Conversions

Conversions Part 2

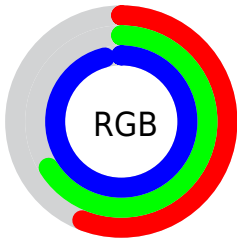
Format	Color
R _Y B	143, 164, 245
Decimal	9415157
CIE Lab	70.00, 9.96, -40.76
CIE LCh	70, 41.964, 283.732
Yxy	40.7494, 0.2401, 0.2333
Android (android.graphics.Color)	4287605237 (0xFF8FA9F5)
YUV	169.8900, 37.0292, -23.5825
Hunter-Lab	63.8353, 5.5584, -40.7147

Details

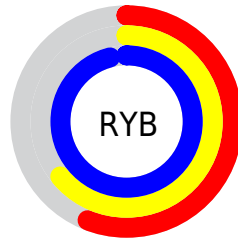
The CIELCh color `70, 41.964, 283.732` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `88, 40.624, 91.672`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 17.760, 265.231`, and `50, 41.893, 283.742` is the 20% darker color. If you saturate the color by 10%, you get `64, 52.787, 286.130`, and if you desaturate by 10%, it is `76, 31.462, 281.669`.

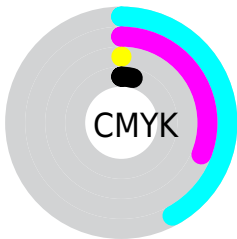
Distribution



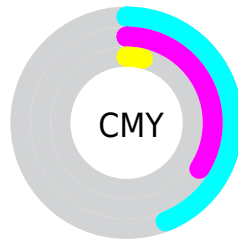
- Red (56%)
- Green (66%)
- Blue (96%)



- 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, 41.964, 283.732 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, 41.964, 283.732 by changing the saturation by 10% instead.

■ 70, 41.964,
283.732

■ 70, 41.964,
283.732

■ 100, 41.964,
283.732

■ 60, 41.964,
283.732

■ 90, 41.964,
283.732

■ 50, 41.964,
283.732

■ 40, 41.964,
283.732

■ 30, 41.964,
283.732

■ 20, 41.964,
283.732

■ 10, 41.964,
283.732

■ 0, 41.964, 283.732

70, 41.964,
283.732

70, 41.964,
283.732

64, 52.787,
286.130

76, 31.462,
281.669

58, 63.966,
288.873

83, 21.249,
279.905

52, 75.500,
291.927

89, 11.298,
278.404

46, 87.275,
295.185

95, 1.590, 277.230

41, 98.931,
298.445

100, 5.119,
109.780

38, 108.085,
300.933

Harmonies

Complementary

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



70, 41.964, 283.732



88, 40.624, 91.672

Rectangle

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



70, 41.964, 283.732



70, 41.964, 333.732



70, 41.964, 103.732



70, 41.964, 153.732

Sweetspot

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



70, 41.963, 283.732



92, 12.030, 278.456



90, 36.200, 174.000



48, 7.992, 278.640



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, 41.963, 283.732



67, 52.685, 285.737



65, 57.205, 302.806



48, 5.496, 278.112



28, 86.556, 300.418



6, 32.515, 294.250

Inverse Universe

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



71, 41.663, 4.455



69, 51.922, 6.159



93, 51.921, 116.585



48, 5.365, 0.006



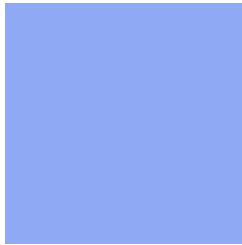
39, 70.912, 25.088



9, 29.800, 13.904

Previews

White Background



This preview shows how the CIELCh color 70, 41.964, 283.732 looks on a white background.

Color Contrast Check

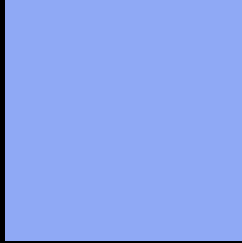
Large Text (above 18pt) WCAG AA × Fail

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 70, 41.964, 283.732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

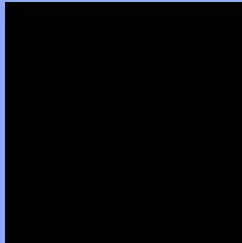
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 41.964, 283.732

Background



This preview shows how black text looks on a background with the CIELCh color 70, 41.964, 283.732.



This preview shows how white text looks on a background with the CIELCh color 70, 41.964, 283.732.

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, 41.964, 283.732

Protanopia

70, 41.858, 285.260

Deuteranopia

70, 42.004, 283.365



Tritanopia
70, 17.991, 223.641

Trichromacy



Original Color
70, 41.964, 283.732

Protanomaly
70, 41.893, 284.884

Deuteranomaly
70, 42.004, 283.365

Tritanomaly
70, 23.590, 258.643

Monochromacy



Original Color
70, 41.964, 283.732

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, 41.964, 283.732 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(143, 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(143, 169, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 169, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 41.964, 283.732 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, 245) }
```

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

```
.border{ border-color:rgb(143, 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(143, 169, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 169, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 169, 245);  
box-shadow:4px 4px 4px 4px rgb(143, 169,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 41.964, 283.732 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, 245) }
```

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

```
.background{ background-color: rgb(143,  
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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