

Converting Colors

CIELCh(70, 42.614, 282.865)

Have a look what the booklet for
CIELCh(70, 42.614, 282.865)
contains.

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Color

CIELCh(70, 42.614, 282.865)

Conversions

Conversions Part 1

Format	Color
Hex	8CA9F6
RGB	140, 169, 246
RGB Percent	55%, 66%, 96%
CMY	0.4498, 0.3362, 0.0341
CMYK	0.43, 0.31, 0.00, 0.03
HSL	224°, 86%, 76%
HSV	224°, 43%, 97%
XYZ	41.7820, 40.7494, 93.0887
YIQ	169.1070, -42.0010, 17.7990

Conversions

Conversions Part 2

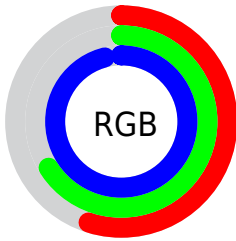
Format	Color
R_{YB}	140, 163, 246
Decimal	9218550
CIE _{Lab}	70.00, 9.49, -41.54
CIE _{LCh}	70, 42.614, 282.865
Yxy	40.7494, 0.2379, 0.2320
Android (android.graphics.Color)	4287408630 (0xFF8CA9F6)
YUV	169.1070, 37.9082, -25.5268
Hunter-Lab	63.8353, 5.1215, -41.7758

Details

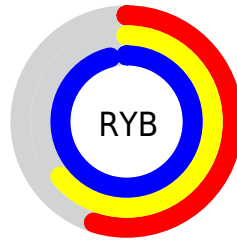
The CIELCh color **70, 42.614, 282.865** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **88, 41.540, 90.133**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 18.168, 262.505**, and **50, 42.567, 283.054** is the 20% darker color. If you saturate the color by 10%, you get **64, 53.220, 285.345**, and if you desaturate by 10%, it is **76, 32.305, 280.729**.

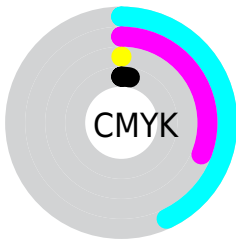
Distribution



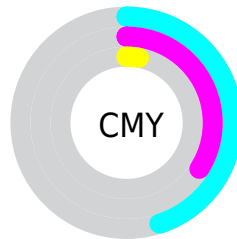
- Red (55%)
- Green (66%)
- Blue (96%)



- Red (55%)
- Yellow (64%)
- Blue (96%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (3%)





- Cyan (45%)
- Magenta (34%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 42.614, 282.865 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, 42.614, 282.865 by changing the saturation by 10% instead.


 70, 42.614,
282.865


 70, 42.614,
282.865


 100, 42.614,
282.865


 60, 42.614,
282.865


 90, 42.614,
282.865

 50, 42.614,
282.865

 40, 42.614,
282.865

 30, 42.614,
282.865

 20, 42.614,
282.865

 10, 42.614,
282.865

 0, 42.614, 282.865

70, 42.614,
282.865

70, 42.614,
282.865

64, 53.220,
285.345

76, 32.305,
280.729

58, 64.161,
288.179

83, 22.262,
278.903

52, 75.442,
291.328

89, 12.459,
277.348

47, 86.963,
294.680

95, 2.879, 276.073

42, 98.397,
298.028

100, 4.403,
109.831

39, 105.989,
300.174

Harmonies

Complementary

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



70, 42.614, 282.865



88, 41.540, 90.133

Rectangle

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



70, 42.614, 282.865



70, 42.614, 332.865



70, 42.614, 102.865



70, 42.614, 152.865

Sweetspot

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



70, 42.613, 282.865



92, 12.777, 277.346



90, 37.920, 172.603



48, 8.962, 277.668



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, 42.613, 282.865



67, 53.598, 285.096



64, 59.487, 302.454



48, 5.384, 276.856



29, 84.442, 299.623



6, 31.839, 293.554

Inverse Universe

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



70, 43.476, 3.352



68, 54.134, 5.220



93, 53.680, 115.783



48, 5.409, 358.680



39, 70.181, 23.505



9, 29.744, 12.845

Previews

White Background



This preview shows how the CIELCh color 70, 42.614, 282.865 looks on a white background.

Color Contrast Check

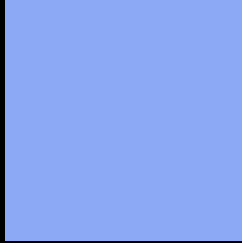
Large Text (above 18pt) WCAG AA × Fail

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, 42.614, 282.865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

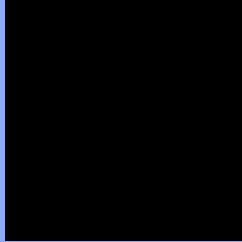
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 42.614, 282.865

Background



This preview shows how black text looks on a background with the CIELCh color 70, 42.614, 282.865.



This preview shows how white text looks on a background with the CIELCh color 70, 42.614, 282.865.

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, 42.614, 282.865

Protanopia

70, 42.390, 285.447

Deuteranopia

70, 42.572, 283.221



Tritanopia
70, 18.947, 224.078

Trichromacy



Original Color
70, 42.614, 282.865

Protanomaly
70, 42.460, 284.708

Deuteranomaly
70, 42.572, 283.221

Tritanomaly
70, 24.459, 257.737

Monochromacy



Original Color
70, 42.614, 282.865

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 15.664, 278.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 42.614, 282.865 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(140, 169, 246)` looks like.

```
.text, #text, p{  
    color:rgb(140, 169, 246)  
}
```

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(140, 169, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 169, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 42.614, 282.865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

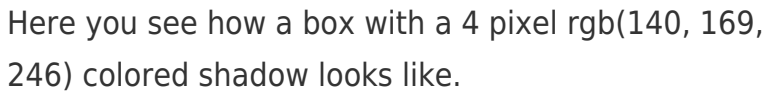
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 169, 246) }
```

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

```
.border{ border-color:rgb(140, 169, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(140, 169, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 169, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 169, 246); box-shadow:4px 4px 4px 4px rgb(140, 169, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 42.614, 282.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 169, 246) }
```

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

```
.background{ background-color: rgb(140,  
169, 246) }
```

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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