

Converting Colors

CIELCh(69, 49.905, 288.574)

Have a look what the booklet for
CIELCh(69, 49.905, 288.574)
contains.

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Color

CIELCh(69, 50.027, 288.810)

Conversions

Conversions Part 1

Format	Color
Hex	90A3FE
RGB	144, 163, 254
RGB Percent	56%, 64%, 100%
CMY	0.4348, 0.3603, 0.0034
CMYK	0.43, 0.36, 0.00, 0.00
HSL	230°, 98%, 78%
HSV	230°, 43%, 100%
XYZ	42.5555, 39.3444, 99.2316
YIQ	167.6930, -40.5350, 24.2730

Conversions

Conversions Part 2

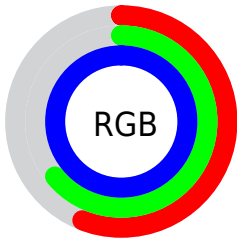
Format	Color
RYB	144, 160, 254
Decimal	9479166
CIELab	69.00, 16.13, -47.36
CIELCh	69, 50.027, 288.810
Yxy	39.3444, 0.2349, 0.2172
Android (android.graphics.Color)	4287669246 (0xFF90A3FE)
YUV	167.6930, 42.5494, -20.7788
Hunter-Lab	62.7251, 11.3333, -49.8897

Details

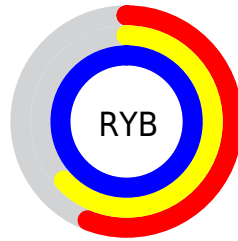
The CIELCh color **69, 50.027, 288.810** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **93, 46.710, 96.954**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 19.926, 276.524**, and **49, 49.905, 288.660** is the 20% darker color. If you saturate the color by 10%, you get **62, 62.711, 291.127**, and if you desaturate by 10%, it is **76, 37.801, 286.806**.

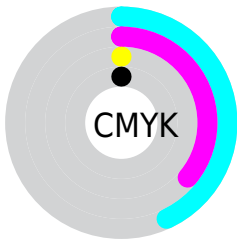
Distribution



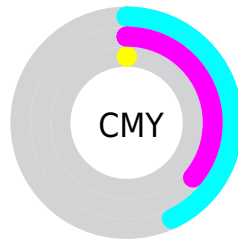
- Red (56%)
- Green (64%)
- Blue (100%)



- Red (56%)
- Yellow (63%)
- Blue (100%)



- Cyan (43%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (36%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 50.027, 288.810 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 69, 50.027, 288.810 by changing the saturation by 10% instead.

 69, 50.027,
288.810

 69, 50.027,
288.810


 100, 50.027,
288.810


 59, 50.027,
288.810


 89, 50.027,
288.810

 49, 50.027,
288.810

 99, 50.027,
288.810

 39, 50.027,
288.810

 29, 50.027,
288.810

 19, 50.027,
288.810

 9, 50.027, 288.810

 0, 50.027, 288.810

■ 69, 50.027,
288.810

■ 69, 50.027,
288.810

■ 62, 62.711,
291.127

■ 76, 37.801,
286.806

■ 55, 75.847,
293.746

■ 83, 26.007,
285.090

■ 49, 89.297,
296.593

■ 90, 14.604,
283.631

■ 43, 102.624,
299.501

■ 97, 3.562, 282.416

■ 38, 114.895,
302.204

100, 0.426,
109.965

■ 36, 121.874,
303.719

Harmonies

Complementary

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



69, 50.027, 288.810



93, 46.710, 96.954

Rectangle

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



69, 50.027, 288.810



69, 50.027, 338.810



69, 50.027, 108.810



69, 50.027, 158.810

Sweetspot

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



69, 50.026, 288.810



91, 14.326, 283.593



93, 36.309, 180.372



47, 10.059, 283.894



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 50.026, 288.810



63, 61.226, 290.815



67, 61.700, 305.537



49, 6.233, 283.140



26, 97.129, 303.332



5, 38.619, 298.357

Inverse Universe

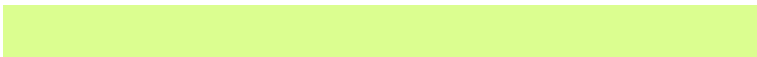
The Inverse Universe completely reimagines the original color for something new.



72, 44.256, 10.980



68, 53.868, 12.889



95, 56.303, 119.983



50, 5.381, 6.176



40, 76.319, 31.571



10, 32.146, 20.039

Previews

White Background



This preview shows how the CIELCh color 69, 50.027, 288.810 looks on a white background.

Color Contrast Check

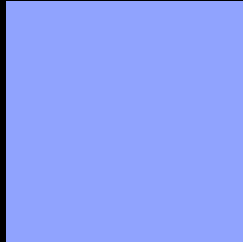
Large Text (above 18pt) WCAG AA × Fail

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 69, 50.027, 288.810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

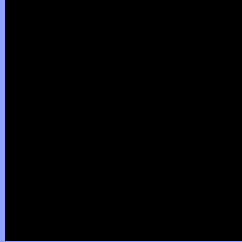
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 50.027, 288.810

Background



This preview shows how black text looks on a background with the CIELCh color 69, 50.027, 288.810.



This preview shows how white text looks on a background with the CIELCh color 69, 50.027, 288.810.

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

69, 50.027, 288.810

Protanopia

69, 49.667, 285.606

Deuteranopia

69, 47.849, 281.815



Tritanopia
69, 17.745, 224.113

Trichromacy



Original Color
69, 50.027, 288.810

Protanomaly
69, 50.127, 286.980

Deuteranomaly
69, 48.136, 284.120

Tritanomaly
69, 25.516, 264.466

Monochromacy



Original Color
69, 50.027, 288.810

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 18.256, 284.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 50.027, 288.810 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, 163, 254)` looks like.

```
.text, #text, p{  
    color:rgb(144, 163, 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, 163, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 163, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 50.027, 288.810 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, 163, 254) }
```

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

```
.border{ border-color:rgb(144, 163, 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, 163, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 163, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 163, 254);  
box-shadow:4px 4px 4px 4px rgb(144, 163,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 50.027, 288.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 163, 254) }
```

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

```
.background{ background-color: rgb(144,  
163, 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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