

Converting Colors

CIELCh(69, 40.308, 285.138)

Have a look what the booklet for
CIELCh(69, 40.308, 285.138)
contains.

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Color

CIELCh(69, 40.308, 285.138)

Conversions

Conversions Part 1

Format	Color
Hex	91A6EF
RGB	145, 166, 239
RGB Percent	57%, 65%, 94%
CMY	0.4328, 0.3504, 0.0642
CMYK	0.39, 0.31, 0.00, 0.06
HSL	227°, 74%, 75%
HSV	227°, 39%, 94%
XYZ	40.7123, 39.3444, 86.8217
YIQ	168.0430, -35.9490, 18.2510

Conversions

Conversions Part 2

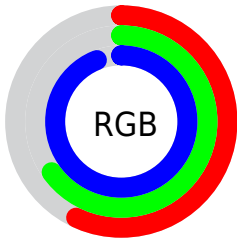
Format	Color
RYB	145, 162, 239
Decimal	9545455
CIELab	69.00, 10.53, -38.91
CIElCh	69, 40.308, 285.138
Yxy	39.3444, 0.2440, 0.2358
Android (android.graphics.Color)	4287735535 (0xFF91A6EF)
YUV	168.0430, 34.9818, -20.2087
Hunter-Lab	62.7251, 6.0882, -38.1593

Details

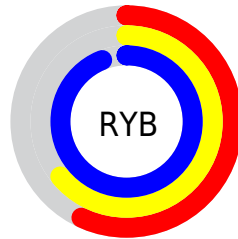
The CIELCh color `69, 40.308, 285.138` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `87, 38.651, 94.161`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `88, 18.655, 272.119`, and `49, 40.718, 285.495` is the 20% darker color. If you saturate the color by 10%, you get `63, 51.340, 287.401`, and if you desaturate by 10%, it is `75, 29.629, 283.193`.

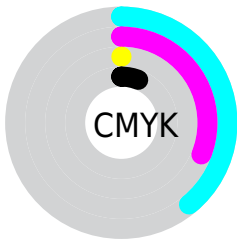
Distribution



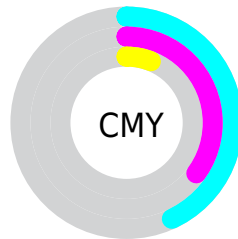
- Red (57%)
- Green (65%)
- Blue (94%)



- Red (57%)
- Yellow (64%)
- Blue (94%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (6%)





- Cyan (43%)
- Magenta (35%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 40.308, 285.138 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, 40.308, 285.138 by changing the saturation by 10% instead.

 69, 40.308,
285.138

 69, 40.308,
285.138


 100, 40.308,
285.138


 59, 40.308,
285.138


 89, 40.308,
285.138

 49, 40.308,
285.138

 99, 40.308,
285.138

 39, 40.308,
285.138

 29, 40.308,
285.138

 19, 40.308,
285.138

 9, 40.308, 285.138

 0, 40.308, 285.138

■ 69, 40.308,
285.138

■ 69, 40.308,
285.138

■ 63, 51.340,
287.401

■ 75, 29.629,
283.193

■ 56, 62.758,
289.996

■ 82, 19.272,
281.531

■ 50, 74.549,
292.894

■ 88, 9.208, 280.119

■ 45, 86.577,
295.995

■ 95, 0.584, 98.544

■ 40, 98.436,
299.104

■ 100, 8.287,
109.548

■ 36, 109.336,
301.920

■ 36, 109.955,
302.070

Harmonies

Complementary

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



69, 40.308, 285.138



87, 38.651, 94.161

Rectangle

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



69, 40.308, 285.138



69, 40.308, 335.138



69, 40.308, 105.138



69, 40.308, 155.138

Sweetspot

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



69, 40.307, 285.138



92, 12.466, 280.471



88, 32.925, 176.804



48, 8.283, 280.651



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, 40.307, 285.138



68, 51.378, 286.871



66, 52.861, 303.607



47, 5.596, 280.131



27, 89.000, 301.612



5, 31.915, 294.204

Inverse Universe

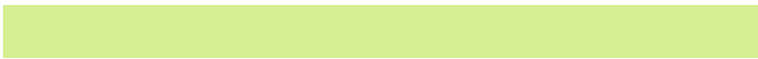
The Inverse Universe completely reimagines the original color for something new.



70, 38.248, 6.373



70, 48.563, 7.877



91, 48.457, 118.132



47, 5.205, 2.307



38, 71.503, 27.601



8, 28.937, 14.459

Previews

White Background



This preview shows how the CIELCh color 69, 40.308, 285.138 looks on a white background.

Color Contrast Check

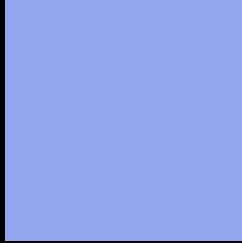
Large Text (above 18pt) WCAG AA × Fail

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, 40.308, 285.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

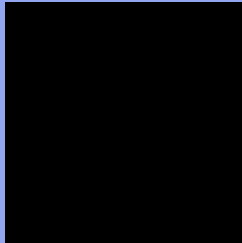
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 40.308, 285.138

Background



This preview shows how black text looks on a background with the CIELCh color 69, 40.308, 285.138.



This preview shows how white text looks on a background with the CIELCh color 69, 40.308, 285.138.

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, 40.308, 285.138

Protanopia

69, 40.308, 285.138

Deuteranopia

69, 39.887, 283.740



Tritanopia
69, 16.149, 227.019

Trichromacy



Original Color
69, 40.308, 285.138

Protanomaly
69, 40.308, 285.138

Deuteranomaly
69, 39.848, 284.138

Tritanomaly
69, 21.893, 260.909

Monochromacy



Original Color
69, 40.308, 285.138

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 14.988, 282.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 40.308, 285.138 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(145, 166, 239)` looks like.

```
.text, #text, p{  
    color:rgb(145, 166, 239)  
}
```

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(145, 166, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 166, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 40.308, 285.138 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(145, 166, 239) }
```

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

```
.border{ border-color:rgb(145, 166, 239) }
```

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

Here you see how a box with a 4 pixel rgb(145, 166, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 166, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 166, 239);  
box-shadow:4px 4px 4px 4px rgb(145, 166,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 40.308, 285.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 166, 239) }
```

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

```
.background{ background-color: rgb(145,  
166, 239) }
```

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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