

Converting Colors

CIELCh(69, 36.852, 268.719)

Have a look what the booklet for
CIELCh(69, 36.852, 268.719)
contains.

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Color

CIELCh(69, 37.039, 269.057)

Conversions

Conversions Part 1

Format	Color
Hex	76ACEB
RGB	118, 172, 235
RGB Percent	46%, 67%, 92%
CMY	0.5373, 0.3256, 0.0785
CMYK	0.50, 0.27, 0.00, 0.08
HSL	212°, 75%, 69%
HSV	212°, 50%, 92%
XYZ	37.2093, 39.3444, 84.2145
YIQ	163.0360, -52.4070, 8.1450

Conversions

Conversions Part 2

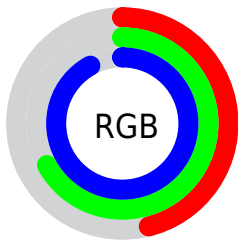
Format	Color
R _Y B	118, 155, 235
Decimal	7777515
CIE Lab	69.00, -0.61, -37.03
CIE LCh	69, 37.039, 269.057
Yxy	39.3444, 0.2314, 0.2447
Android (android.graphics.Color)	4285967595 (0xFF76ACEB)
YUV	163.0360, 35.4783, -39.4966
Hunter-Lab	62.7251, -3.8805, -35.6949

Details

The CIELCh color **69, 37.039, 269.057** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **77, 41.305, 72.911**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 21.333, 242.222**, and **49, 37.112, 268.980** is the 20% darker color. If you saturate the color by 10%, you get **64, 44.320, 272.119**, and if you desaturate by 10%, it is **74, 29.709, 266.446**.

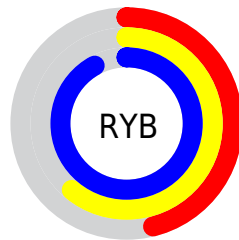
Distribution



Red (46%)

Green (67%)

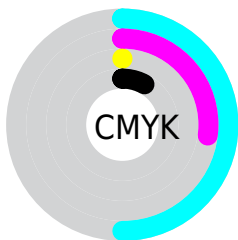
Blue (92%)



Red (46%)

Yellow (61%)

Blue (92%)

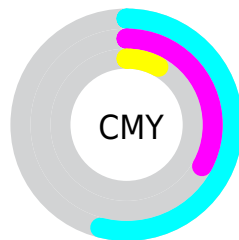


Cyan (50%)

Magenta (27%)

Yellow (0%)

Black (8%)



Cyan (54%)

Magenta (33%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 37.039, 269.057 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, 37.039, 269.057 by changing the saturation by 10% instead.

■ 69, 37.039,
269.057

■ 69, 37.039,
269.057

■ 100, 37.039,
269.057

■ 59, 37.039,
269.057

■ 89, 37.039,
269.057

■ 49, 37.039,
269.057

■ 99, 37.039,
269.057

■ 39, 37.039,
269.057

■ 29, 37.039,
269.057

■ 19, 37.039,
269.057

■ 9, 37.039, 269.057

■ 0, 37.039, 269.057

69, 37.039,
269.057

69, 37.039,
269.057

64, 44.320,
272.119

74, 29.709,
266.446

60, 51.602,
275.650

78, 22.316,
264.239

56, 58.961,
279.616

83, 14.864,
262.381

52, 66.485,
283.900

88, 7.369, 260.829

48, 74.244,
288.234

93, 0.149, 76.886

98, 7.032, 88.344

48, 74.410,
288.320

100, 10.134,
109.410

Harmonies

Complementary

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



69, 37.039, 269.057



77, 41.305, 72.911

Rectangle

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



69, 37.039, 269.057



69, 37.039, 319.057



69, 37.039, 89.057



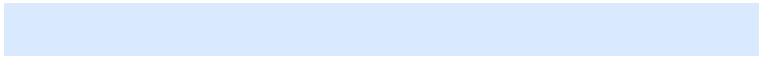
69, 37.039, 139.057

Sweetspot

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



69, 37.038, 269.057



92, 12.051, 261.611



85, 48.469, 160.125



48, 8.218, 261.948



0, 0.000, 0.000



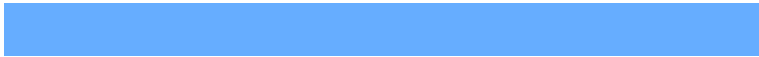
53, 0.007, 296.813

Same Dimension

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



69, 37.038, 269.057



69, 47.517, 272.276



55, 66.914, 298.328



47, 4.271, 260.784



37, 60.155, 287.550



9, 22.011, 279.751

Inverse Universe

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



65, 51.662, 351.464



65, 65.090, 353.374



91, 58.254, 107.008



46, 5.811, 346.552



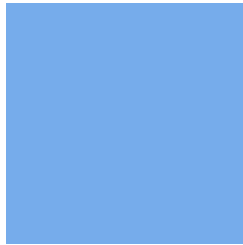
39, 65.293, 5.615



8, 28.288, 358.192

Previews

White Background



This preview shows how the CIE LCh color 69, 37.039, 269.057 looks on a white background.

Color Contrast Check

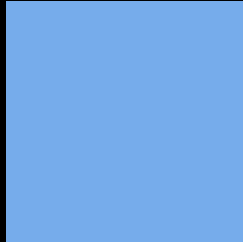
Large Text (above 18pt) WCAG AA × Fail

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, 37.039, 269.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

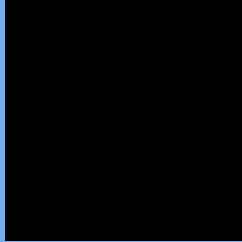
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

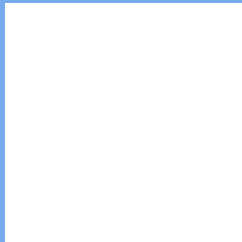
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 37.039, 269.057

Background



This preview shows how black text looks on a background with the CIELCh color 69, 37.039, 269.057.



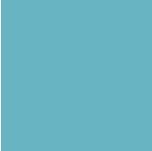
This preview shows how white text looks on a background with the CIELCh color 69, 37.039, 269.057.

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





Tritanopia
69, 24.289, 216.316

Trichromacy



Original Color
69, 37.039, 269.057

Protanomaly
69, 35.892, 279.079

Deuteranomaly
69, 38.201, 278.661

Tritanomaly
69, 26.100, 240.926

Monochromacy



Original Color
69, 37.039, 269.057

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 14.109, 263.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 37.039, 269.057 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(118, 172, 235)` looks like.

```
.text, #text, p{  
    color:rgb(118, 172, 235)  
}
```

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(118, 172, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 172, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 37.039, 269.057 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(118, 172, 235) }
```

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

```
.border{ border-color:rgb(118, 172, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 172, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 172, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 172, 235);  
box-shadow:4px 4px 4px 4px rgb(118, 172,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 37.039, 269.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 172, 235) }
```

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

```
.background{ background-color: rgb(118,  
172, 235) }
```

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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