

Converting Colors

CIELCh(69, 44.908, 268.303)

Have a look what the booklet for
CIELCh(69, 44.908, 268.303)
contains.

CIELCh(69, 44.908, 268.303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 44.908, 268.303)

Conversions

Conversions Part 1

Format	Color
Hex	60ADF9
RGB	96, 173, 249
RGB Percent	38%, 68%, 98%
CMY	0.6223, 0.3206, 0.0224
CMYK	0.61, 0.30, 0.00, 0.02
HSL	210°, 93%, 68%
HSV	210°, 61%, 98%
XYZ	36.9899, 39.3444, 95.4923
YIQ	158.6410, -70.2880, 7.3120

Conversions

Conversions Part 2

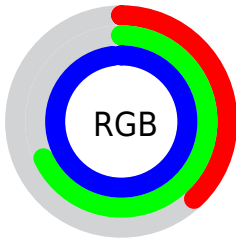
Format	Color
R _Y B	96, 147, 249
Decimal	6335993
CIE Lab	69.00, -1.33, -44.89
CIE LCh	69, 44.908, 268.303
Yxy	39.3444, 0.2153, 0.2290
Android (android.graphics.Color)	4284526073 (0xFF60ADF9)
YUV	158.6410, 44.5470, -54.9362
Hunter-Lab	62.7251, -4.5049, -46.3551

Details

The CIELCh color **69, 44.908, 268.303** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **76, 53.930, 67.301**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 25.148, 232.709**, and **49, 44.866, 268.246** is the 20% darker color. If you saturate the color by 10%, you get **65, 51.779, 272.008**, and if you desaturate by 10%, it is **73, 37.942, 265.110**.

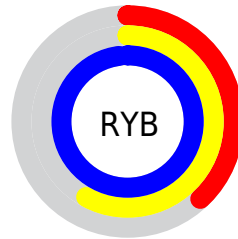
Distribution



Red (38%)

Green (68%)

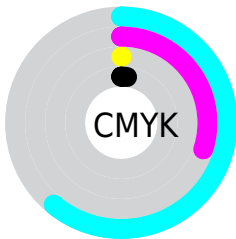
Blue (98%)



Red (38%)

Yellow (58%)

Blue (98%)

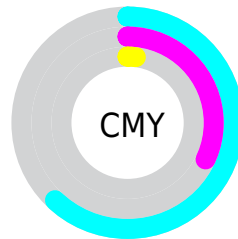


Cyan (61%)

Magenta (30%)

Yellow (0%)

Black (2%)



Cyan (62%)

Magenta (32%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 44.908, 268.303 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, 44.908, 268.303 by changing the saturation by 10% instead.

■ 69, 44.908,
268.303

■ 69, 44.908,
268.303

■ 100, 44.908,
268.303

■ 59, 44.908,
268.303

■ 89, 44.908,
268.303

■ 49, 44.908,
268.303

■ 99, 44.908,
268.303

■ 39, 44.908,
268.303

■ 29, 44.908,
268.303

■ 19, 44.908,
268.303

■ 9, 44.908, 268.303

■ 0, 44.908, 268.303

69, 44.908,
268.303

69, 44.908,
268.303

65, 51.779,
272.008

73, 37.942,
265.110

61, 58.652,
276.186

78, 30.836,
262.403

57, 65.645,
280.716

83, 23.575,
260.131

54, 71.879,
284.677

88, 16.171,
258.232

92, 8.653, 256.655

97, 1.050, 255.672

100, 2.892,
109.935

Harmonies

Complementary

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



69, 44.908, 268.303



76, 53.930, 67.301

Rectangle

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



69, 44.908, 268.303



69, 44.908, 318.303



69, 44.908, 88.303



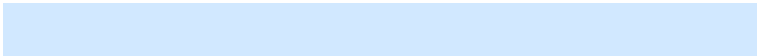
69, 44.908, 138.303

Sweetspot

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



69, 44.907, 268.304



91, 13.908, 257.670



89, 63.692, 155.725



47, 9.647, 258.158



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, 44.907, 268.304



65, 54.579, 273.103



50, 86.863, 299.500



50, 4.342, 256.395



41, 57.328, 283.845



11, 22.830, 276.912

Inverse Universe

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



63, 66.288, 350.842



60, 76.961, 353.639



95, 72.310, 103.678



49, 6.290, 344.243



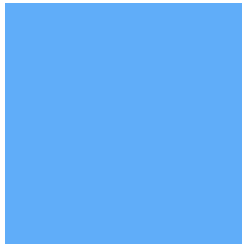
41, 67.605, 1.783



10, 31.093, 355.979

Previews

White Background



This preview shows how the CIELCh color 69, 44.908, 268.303 looks on a white background.

Color Contrast Check

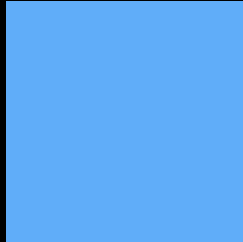
Large Text (above 18pt) WCAG AA × Fail

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, 44.908, 268.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

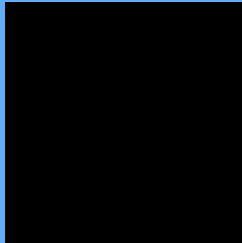
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

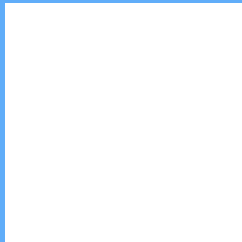
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 44.908, 268.303

Background



This preview shows how black text looks on a background with the CIELCh color 69, 44.908, 268.303.

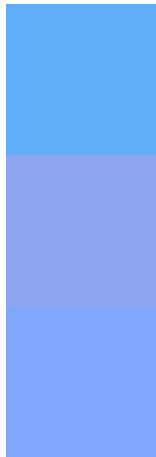


This preview shows how white text looks on a background with the CIELCh color 69, 44.908, 268.303.

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](#).

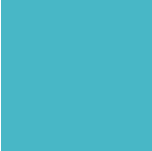
Dichromacy



Original Color
69, 44.908, 268.303

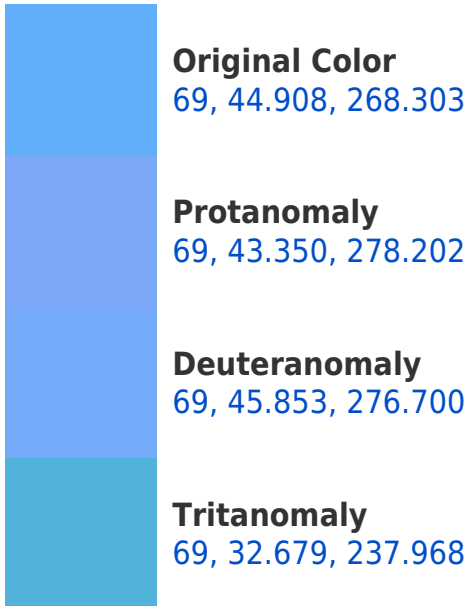
Protanopia
69, 42.554, 285.180

Deuteranopia
69, 46.762, 281.639

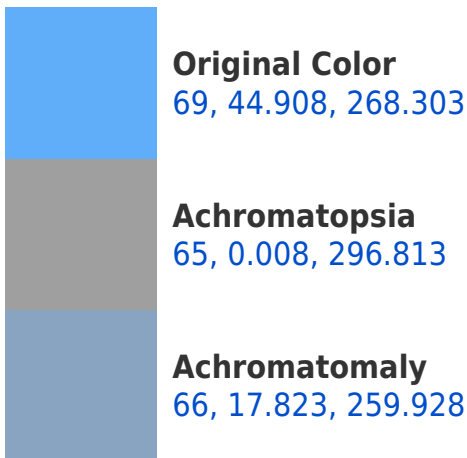


Tritanopia
69, 31.568, 212.449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 44.908, 268.303 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(96, 173, 249)` looks like.

```
.text, #text, p{  
    color:rgb(96, 173, 249)  
}
```

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(96, 173, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 173, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 44.908, 268.303 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(96, 173, 249) }
```

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

```
.border{ border-color:rgb(96, 173, 249) }
```

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

Here you see how a box with a 4 pixel rgb(96, 173, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 173, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 173, 249);  
box-shadow:4px 4px 4px 4px rgb(96, 173,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 44.908, 268.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 173, 249) }
```

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

```
.background{ background-color: rgb(96, 173,  
249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor