

Converting Colors

CIELCh(69, 47.995, 277.056)

Have a look what the booklet for
CIELCh(69, 47.995, 277.056)
contains.

CIELCh(69, 48.035, 277.117)	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, 48.035, 277.117)

Conversions

Conversions Part 1

Format	Color
Hex	73A9FE
RGB	115, 169, 254
RGB Percent	45%, 66%, 100%
CMY	0.5509, 0.3355, 0.0020
CMYK	0.55, 0.33, 0.00, 0.00
HSL	216°, 99%, 72%
HSV	216°, 55%, 100%
XYZ	39.2478, 39.3444, 99.7078
YIQ	162.5440, -59.4690, 14.9870

Conversions

Conversions Part 2

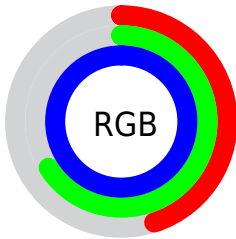
Format	Color
R _Y B	115, 154, 254
Decimal	7580158
CIE Lab	69.00, 5.95, -47.66
CIE LCh	69, 48.035, 277.117
Yxy	39.3444, 0.2201, 0.2207
Android (android.graphics.Color)	4285770238 (0xFF73A9FE)
YUV	162.5440, 45.0878, -41.6961
Hunter-Lab	62.7251, 1.9204, -50.3398

Details

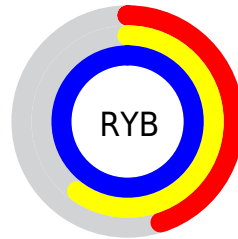
The CIELCh color **69, 48.035, 277.117** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **84, 50.564, 78.565**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 22.144, 246.164**, and **49, 48.276, 277.600** is the 20% darker color. If you saturate the color by 10%, you get **64, 57.061, 280.313**, and if you desaturate by 10%, it is **74, 39.139, 274.344**.

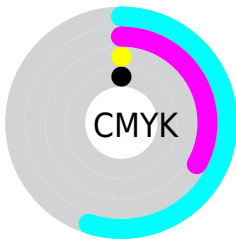
Distribution



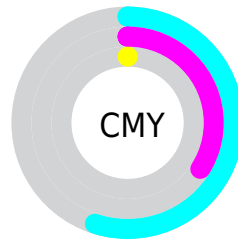
- Red (45%)
- Green (66%)
- Blue (100%)



- Red (45%)
- Yellow (60%)
- Blue (100%)



- Cyan (55%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (55%)
- Magenta (34%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 48.035, 277.117 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, 48.035, 277.117 by changing the saturation by 10% instead.

 69, 48.035,
277.117

 69, 48.035,
277.117

 100, 48.035,
277.117

 59, 48.035,
277.117


 89, 48.035,
277.117

 49, 48.035,
277.117

 99, 48.035,
277.117

 39, 48.035,
277.117

 29, 48.035,
277.117

 19, 48.035,
277.117

 9, 48.035, 277.117

 0, 48.035, 277.117

■ 69, 48.035,
277.117

■ 69, 48.035,
277.117

■ 64, 57.061,
280.313

■ 74, 39.139,
274.344

■ 59, 66.280,
283.906

■ 80, 30.331,
271.970

■ 54, 75.742,
287.803

■ 86, 21.590,
269.953

■ 49, 85.422,
291.817

■ 91, 12.908,
268.244

■ 47, 90.310,
293.742

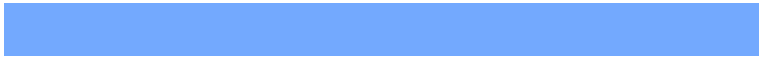
■ 97, 4.292, 266.832

100, 0.244,
109.843

Harmonies

Complementary

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



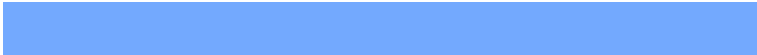
69, 48.035, 277.117



84, 50.564, 78.565

Rectangle

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



69, 48.035, 277.117



69, 48.035, 327.117



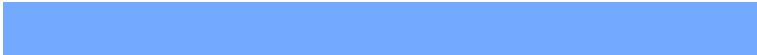
69, 48.035, 97.117



69, 48.035, 147.117

Sweetspot

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



69, 48.034, 277.118



90, 14.662, 268.563



91, 53.150, 163.152



47, 9.814, 268.895



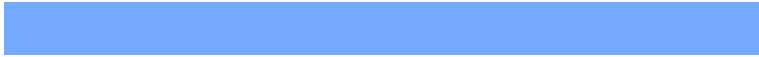
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 48.034, 277.118



63, 58.066, 280.657



56, 79.578, 300.945



50, 4.891, 267.426



36, 71.522, 293.039



10, 28.720, 287.386

Inverse Universe

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



67, 58.701, 357.152



62, 68.675, 359.757



96, 68.130, 109.754



50, 5.961, 350.705



41, 68.426, 12.542



10, 31.290, 5.432

Previews

White Background



This preview shows how the CIE LCh color 69, 48.035, 277.117 looks on a white background.

Color Contrast Check

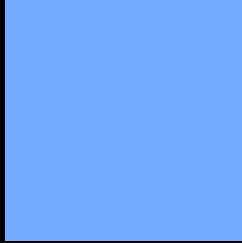
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 48.035, 277.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

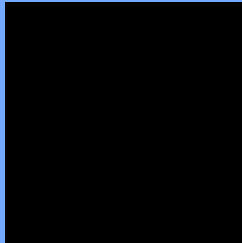
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

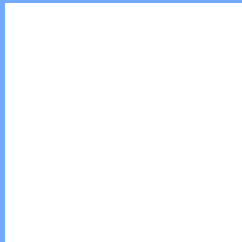
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 48.035, 277.117

Background



This preview shows how black text looks on a background with the CIELCh color 69, 48.035, 277.117.



This preview shows how white text looks on a background with the CIELCh color 69, 48.035, 277.117.

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

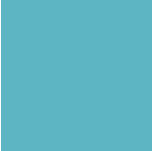
69, 47.982, 277.371

Protanopia

69, 47.479, 285.496

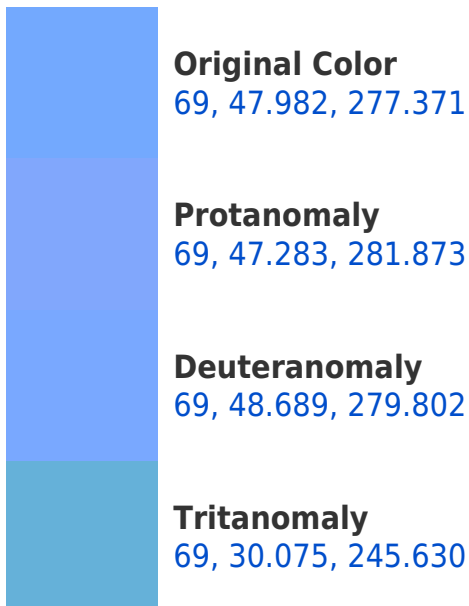
Deuteranopia

69, 49.020, 281.443

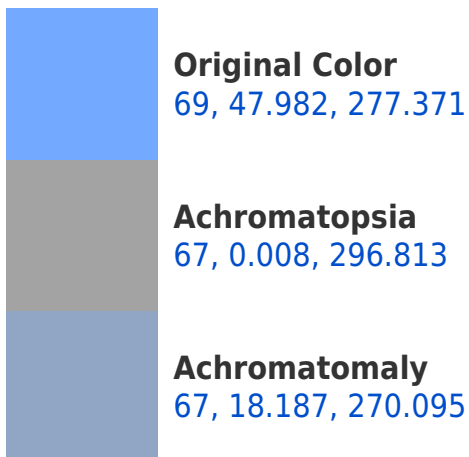


Tritanopia
69, 27.247, 215.260

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 48.035, 277.117 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(115, 169, 254)` looks like.

```
.text, #text, p{  
    color:rgb(115, 169, 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(115, 169, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 169, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 48.035, 277.117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

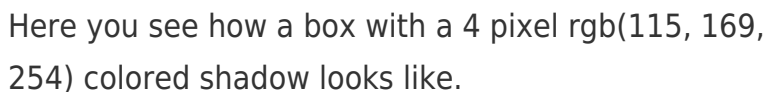
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 169, 254) }
```

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

```
.border{ border-color:rgb(115, 169, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 169, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 169, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 169, 254); box-shadow:4px 4px 4px 4px rgb(115, 169, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 48.035, 277.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 169, 254) }
```

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

```
.background{ background-color: rgb(115,  
169, 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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