

Converting Colors

CIELCh(70, 70.324, 284.144)

Have a look what the booklet for
CIELCh(70, 70.324, 284.144)
contains.

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Color

CIELCh(68, 49.883, 274.353)

Conversions

Conversions Part 1

Format	Color
Hex	62A8FF
RGB	98, 168, 255
RGB Percent	38%, 66%, 100%
CMY	0.6142, 0.3400, 0.0000
CMYK	0.61, 0.34, 0.00, 0.00
HSL	213°, 100%, 69%
HSV	213°, 61%, 100%
XYZ	37.2354, 37.9720, 100.2480
YIQ	156.9880, -69.6470, 12.2170

Conversions

Conversions Part 2

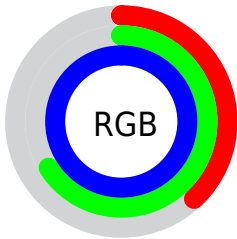
Format	Color
R _{YB}	98, 146, 255
Decimal	6465791
CIE Lab	68.00, 3.79, -49.74
CIE LCh	68, 49.883, 274.353
Yxy	37.9720, 0.2122, 0.2164
Android (android.graphics.Color)	4284655871 (0xFF62A8FF)
YUV	156.9880, 48.3199, -51.7325
Hunter-Lab	61.6215, 0.0229, -53.3201

Details

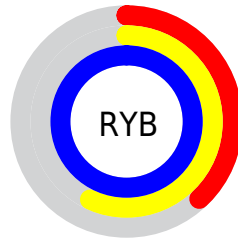
The CIELCh color **68, 49.883, 274.353** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **80, 55.665, 72.640**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 25.038, 240.916**, and **48, 50.254, 274.759** is the 20% darker color. If you saturate the color by 10%, you get **63, 57.807, 277.847**, and if you desaturate by 10%, it is **73, 41.688, 271.105**.

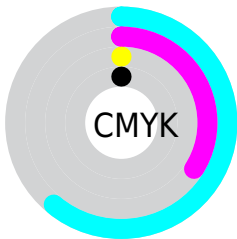
Distribution



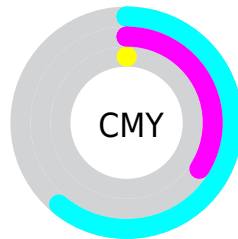
- Red (38%)
- Green (66%)
- Blue (100%)



- Red (38%)
- Yellow (57%)
- Blue (100%)



- Cyan (61%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)




- Cyan (61%)
- Magenta (34%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 49.883, 274.353 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 68, 49.883, 274.353 by changing the saturation by 10% instead.


 68, 49.883,
274.353

 68, 49.883,
274.353


 100, 49.883,
274.353

 58, 49.883,
274.353


 88, 49.883,
274.353

 48, 49.883,
274.353

 98, 49.883,
274.353

 38, 49.883,
274.353

 28, 49.883,
274.353

 18, 49.883,
274.353

 8, 49.883, 274.353

 0, 49.883, 274.353

■ 68, 49.883,
274.353

■ 68, 49.883,
274.353

■ 63, 57.807,
277.847

■ 73, 41.688,
271.105

■ 59, 66.025,
281.853

■ 78, 33.646,
268.414

■ 54, 74.455,
286.125

■ 83, 25.569,
266.133

■ 51, 81.883,
289.772

■ 89, 17.455,
264.209

■ 94, 9.316, 262.594

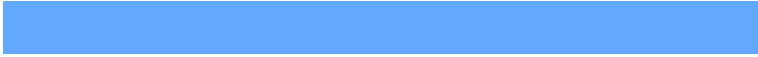
■ 99, 1.169, 261.499

■ 100, 0.012,
296.813

Harmonies

Complementary

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



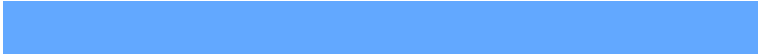
68, 49.883, 274.353



80, 55.665, 72.640

Rectangle

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



68, 49.883, 274.353



68, 49.883, 324.353



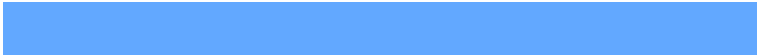
68, 49.883, 94.353



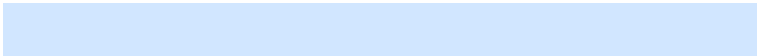
68, 49.883, 144.353

Sweetspot

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



68, 49.723, 274.247



90, 14.670, 263.623



91, 61.090, 159.218



47, 10.191, 264.119



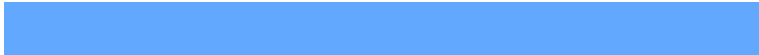
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 49.723, 274.247



62, 59.908, 278.844



51, 90.005, 301.028



50, 4.637, 262.319



38, 64.761, 288.997



11, 26.132, 282.883

Inverse Universe

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



64, 65.962, 354.719



59, 75.502, 357.887



97, 74.761, 106.935



50, 6.163, 347.435



41, 68.003, 7.283



10, 31.469, 0.880

Previews

White Background



This preview shows how the CIELCh color 68, 49.883, 274.353 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 68, 49.883, 274.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

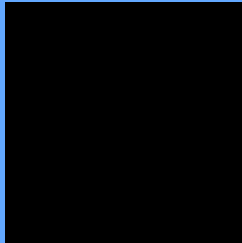
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

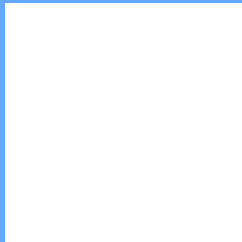
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 49.883, 274.353

Background



This preview shows how black text looks on a background with the CIELCh color 68, 49.883, 274.353.



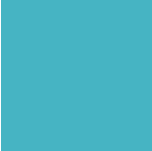
This preview shows how white text looks on a background with the CIELCh color 68, 49.883, 274.353.

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
68, 31.299, 212.629

Trichromacy



Original Color
68, 49.883, 274.353

Protanomaly
68, 48.683, 281.089

Deuteranomaly
68, 50.187, 278.446

Tritanomaly
68, 33.167, 241.317

Monochromacy



Original Color
68, 49.883, 274.353

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 19.343, 266.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 49.883, 274.353 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(98, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(98, 168, 255)  
}
```

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(98, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 168, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 49.883, 274.353 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(98, 168, 255) }
```

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

```
.border{ border-color:rgb(98, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(98, 168,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 49.883, 274.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 168, 255) }
```

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

```
.background{ background-color: rgb(98, 168,  
255) }
```

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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