

Converting Colors

CIELCh(70, 24.103, 277.073)

Have a look what the booklet for
CIELCh(70, 24.103, 277.073)
contains.

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Color

CIELCh(70, 24.148, 277.590)

Conversions

Conversions Part 1

Format	Color
Hex	98ABD6
RGB	152, 171, 214
RGB Percent	60%, 67%, 84%
CMY	0.4032, 0.3287, 0.1601
CMYK	0.29, 0.20, 0.00, 0.16
HSL	222°, 43%, 72%
HSV	222°, 29%, 84%
XYZ	39.7395, 40.7494, 69.5124
YIQ	170.2210, -25.1270, 9.3450

Conversions

Conversions Part 2

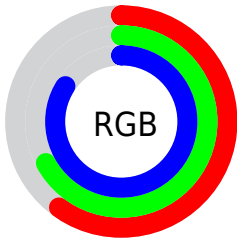
Format	Color
RYB	152, 167, 214
Decimal	10005462
CIELab	70.00, 3.19, -23.94
CIELCh	70, 24.148, 277.590
Yxy	40.7494, 0.2649, 0.2717
Android (android.graphics.Color)	4288195542 (0xFF98ABD6)
YUV	170.2210, 21.5830, -15.9798
Hunter-Lab	63.8353, -0.5898, -19.8783

Details

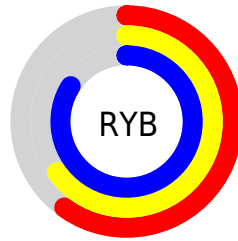
The CIELCh color **70, 24.148, 277.590** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **79, 24.076, 89.547**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.186, 268.561**, and **50, 24.054, 277.183** is the 20% darker color. If you saturate the color by 10%, you get **65, 32.816, 279.612**, and if you desaturate by 10%, it is **75, 15.655, 275.861**.

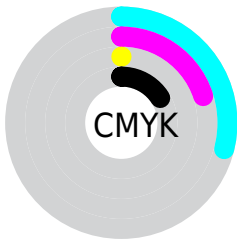
Distribution



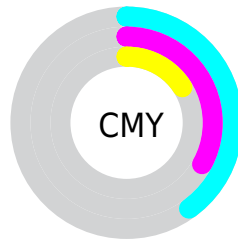
- Red (60%)
- Green (67%)
- Blue (84%)



- Red (60%)
- Yellow (65%)
- Blue (84%)



- Cyan (29%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)





- Cyan (40%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 24.148, 277.590 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 70, 24.148, 277.590 by changing the saturation by 10% instead.


 70, 24.148,
277.590


 70, 24.148,
277.590


 100, 24.148,
277.590


 60, 24.148,
277.590


 90, 24.148,
277.590

 50, 24.148,
277.590

 40, 24.148,
277.590

 30, 24.148,
277.590

 20, 24.148,
277.590

 10, 24.148,
277.590

 0, 24.148, 277.590

70, 24.148,
277.590

70, 24.148,
277.590

65, 32.816,
279.612

75, 15.655,
275.861

59, 41.686,
281.970

81, 7.328, 274.396

86, 0.842, 92.812

54, 50.791,
284.691

92, 8.859, 91.964

49, 60.161,
287.767

97, 16.303, 96.383

44, 69.799,
291.136

99, 20.626,
108.616

40, 79.605,
294.651

36, 89.294,
298.049

35, 90.292,

Harmonies

Complementary

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



70, 24.148, 277.590



79, 24.076, 89.547

Rectangle

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



70, 24.148, 277.590



70, 24.148, 327.590



70, 24.148, 97.590



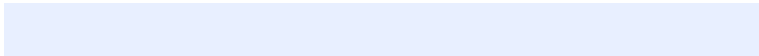
70, 24.148, 147.590

Sweetspot

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



70, 24.147, 277.589



94, 8.491, 274.415



81, 24.082, 171.968



49, 5.908, 274.614



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 24.147, 277.589



78, 33.847, 278.846



66, 34.728, 299.819



42, 4.650, 274.459



28, 75.080, 297.831



4, 21.760, 285.428

Inverse Universe

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



69, 25.990, 358.681



77, 36.476, 359.610



84, 32.531, 115.308



42, 4.924, 356.351



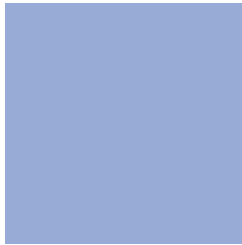
36, 64.641, 20.168



5, 22.299, 5.905

Previews

White Background



This preview shows how the CIE LCh color 70, 24.148, 277.590 looks on a white background.

Color Contrast Check

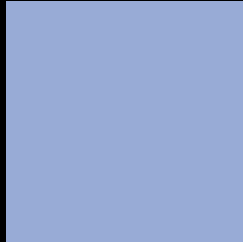
Large Text (above 18pt) WCAG AA × Fail

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 70, 24.148, 277.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

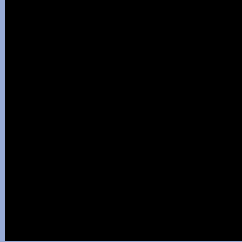
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

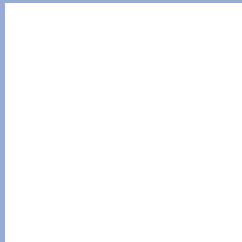
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 24.148, 277.590

Background



This preview shows how black text looks on a background with the CIELCh color 70, 24.148, 277.590.



This preview shows how white text looks on a background with the CIELCh color 70, 24.148, 277.590.

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

70, 24.148, 277.590

Protanopia

70, 24.216, 285.458

Deuteranopia

70, 26.325, 291.310



Tritanopia
70, 12.431, 237.024

Trichromacy



Original Color
70, 24.148, 277.590

Protanomaly
70, 23.815, 282.098

Deuteranomaly
70, 25.297, 285.902

Tritanomaly
70, 15.850, 259.179

Monochromacy



Original Color
70, 24.148, 277.590

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 8.991, 277.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 24.148, 277.590 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(152, 171, 214)` looks like.

```
.text, #text, p{  
    color:rgb(152, 171, 214)  
}
```

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(152, 171, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 171, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 24.148, 277.590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

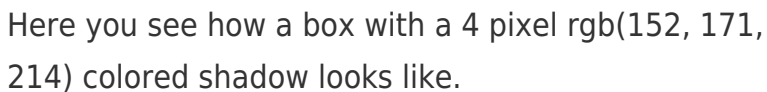
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 171, 214) }
```

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

```
.border{ border-color:rgb(152, 171, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 171, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 171, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 171, 214);  
box-shadow:4px 4px 4px 4px rgb(152, 171,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 24.148, 277.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 171, 214) }
```

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

```
.background{ background-color: rgb(152,  
171, 214) }
```

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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