

Converting Colors

CIELCh(70, 16.514, 262.539)

Have a look what the booklet for
CIELCh(70, 16.514, 262.539)
contains.

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Color

CIELCh(70, 16.147, 261.330)

Conversions

Conversions Part 1

Format	Color
Hex	96AEC8
RGB	150, 174, 200
RGB Percent	59%, 68%, 78%
CMY	0.4131, 0.3189, 0.2170
CMYK	0.25, 0.13, 0.00, 0.22
HSL	211°, 31%, 68%
HSV	211°, 25%, 78%
XYZ	37.9731, 40.7494, 60.2967
YIQ	169.7880, -22.6500, 2.9980

Conversions

Conversions Part 2

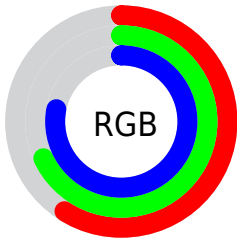
Format	Color
RYB	150, 166, 200
Decimal	9875144
CIELab	70.00, -2.43, -15.96
CIElCh	70, 16.147, 261.330
Yxy	40.7494, 0.2732, 0.2931
Android (android.graphics.Color)	4288065224 (0xFF96AEC8)
YUV	169.7880, 14.8945, -17.3541
Hunter-Lab	63.8353, -5.5290, -11.3187

Details

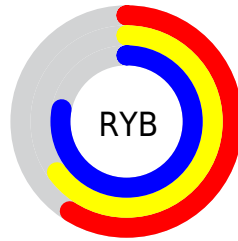
The CIELCh color `70, 16.147, 261.330` is a light color, and the websafe version is hex `999999`. A complement of this color would be `73, 17.129, 74.389`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 15.458, 260.435`, and `50, 16.035, 260.533` is the 20% darker color. If you saturate the color by 10%, you get `66, 22.485, 263.327`, and if you desaturate by 10%, it is `74, 9.736, 259.648`.

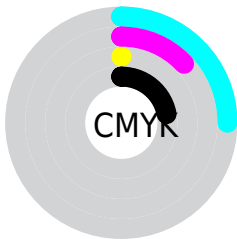
Distribution



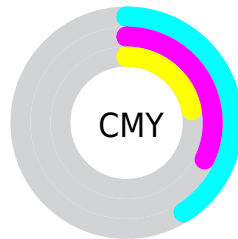
- Red (59%)
- Green (68%)
- Blue (78%)



- Red (59%)
- Yellow (65%)
- Blue (78%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)





- Cyan (41%)
- Magenta (32%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 16.147, 261.330 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, 16.147, 261.330 by changing the saturation by 10% instead.


 70, 16.147,
261.330


 70, 16.147,
261.330


 100, 16.147,
261.330


 60, 16.147,
261.330


 90, 16.147,
261.330

 50, 16.147,
261.330

 40, 16.147,
261.330

 30, 16.147,
261.330

 20, 16.147,
261.330

 10, 16.147,
261.330

 0, 16.147, 261.330

70, 16.147,
261.330

70, 16.147,
261.330

66, 22.485,
263.327

74, 9.736, 259.648

62, 28.739,
265.703

78, 3.274, 258.287

83, 3.217, 76.851

58, 34.909,
268.508

87, 9.717, 75.882

54, 41.016,
271.782

91, 16.206, 74.997

94, 19.970, 87.439

50, 47.114,
275.527

97, 23.931,
100.446

47, 53.281,
279.681

99, 27.906,
108.058

44, 59.602,
284.095

42, 62.832,

Harmonies

Complementary

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



70, 16.147, 261.330



73, 17.129, 74.389

Rectangle

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



70, 16.147, 261.330



70, 16.147, 311.330



70, 16.147, 81.330



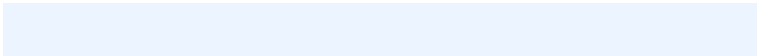
70, 16.147, 131.330

Sweetspot

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



70, 16.146, 261.326



96, 6.334, 258.662



77, 22.381, 162.291



50, 4.499, 258.866



0, 0.000, 0.000



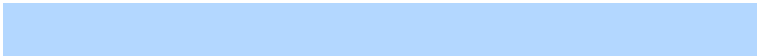
53, 0.007, 296.813

Same Dimension

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



70, 16.146, 261.326



85, 23.538, 262.363



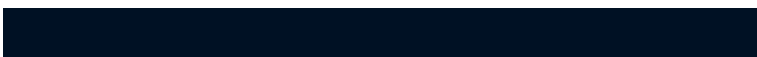
64, 27.957, 293.683



40, 3.668, 258.830



34, 53.299, 285.519



5, 14.342, 271.964

Inverse Universe

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



67, 23.101, 347.032



81, 33.861, 347.629



79, 26.356, 108.489



39, 5.133, 345.483



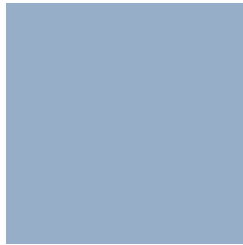
35, 60.567, 3.441



4, 17.670, 354.191

Previews

White Background



This preview shows how the CIELCh color 70, 16.147, 261.330 looks on a white background.

Color Contrast Check

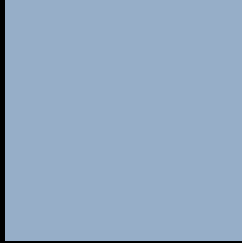
Large Text (above 18pt) WCAG AA × Fail

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, 16.147, 261.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

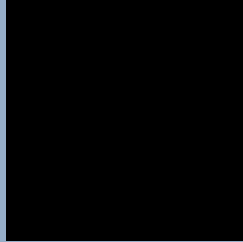
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

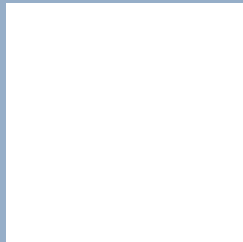
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 16.147, 261.330

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.147, 261.330.



This preview shows how white text looks on a background with the CIELCh color 70, 16.147, 261.330.

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, 16.147, 261.330

Protanopia

70, 15.368, 287.786

Deuteranopia

70, 18.814, 298.414



Tritanopia
70, 11.931, 239.019

Trichromacy



Original Color
70, 16.147, 261.330

Protanomaly
70, 15.174, 277.113

Deuteranomaly
70, 17.568, 287.399

Tritanomaly
70, 13.099, 247.964

Monochromacy



Original Color
70, 16.147, 261.330

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 5.864, 256.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.147, 261.330 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(150, 174, 200)` looks like.

```
.text, #text, p{  
    color:rgb(150, 174, 200)  
}
```

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(150, 174, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 174, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.147, 261.330 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(150, 174, 200) }
```

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

```
.border{ border-color:rgb(150, 174, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 174, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 174, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 174, 200);  
box-shadow:4px 4px 4px 4px rgb(150, 174,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.147, 261.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 174, 200) }
```

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

```
.background{ background-color: rgb(150,  
174, 200) }
```

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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