

Converting Colors

CIELCh(70, 13.343, 277.348)

Have a look what the booklet for
CIELCh(70, 13.343, 277.348)
contains.

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Color

CIELCh(70, 13.442, 277.933)

Conversions

Conversions Part 1

Format	Color
Hex	A2ABC3
RGB	162, 171, 195
RGB Percent	64%, 67%, 76%
CMY	0.3647, 0.3294, 0.2353
CMYK	0.17, 0.12, 0.00, 0.24
HSL	224°, 22%, 70%
HSV	224°, 17%, 76%
XYZ	39.3155, 40.7494, 57.4258
YIQ	171.0450, -13.0680, 5.5560

Conversions

Conversions Part 2

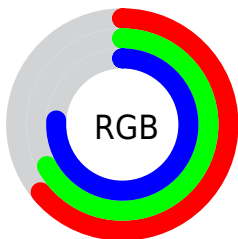
Format	Color
R _Y B	162, 169, 195
Decimal	10660803
CIE Lab	70.00, 1.86, -13.31
CIE LCh	70, 13.442, 277.933
Yxy	40.7494, 0.2860, 0.2964
Android (android.graphics.Color)	4288850883 (0xFFA2ABC3)
YUV	171.0450, 11.8098, -7.9325
Hunter-Lab	63.8353, -1.7753, -8.6522

Details

The CIELCh color `70, 13.442, 277.933` is a light color, and the websafe version is hex `999999`. A complement of this color would be `76, 13.337, 93.615`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 13.787, 278.577`, and `50, 13.195, 277.408` is the 20% darker color. If you saturate the color by 10%, you get `65, 21.626, 279.553`, and if you desaturate by 10%, it is `75, 5.442, 276.553`.

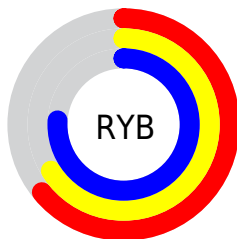
Distribution



Red (64%)

Green (67%)

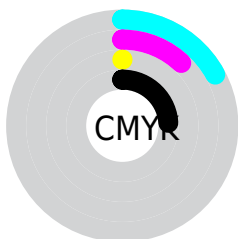
Blue (76%)



Red (64%)

Yellow (66%)

Blue (76%)

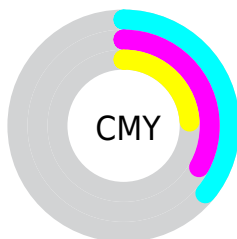


Cyan (17%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (36%)


Magenta (33%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 13.442, 277.933 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, 13.442, 277.933 by changing the saturation by 10% instead.


 70, 13.442,
277.933


 70, 13.442,
277.933


 100, 13.442,
277.933


 60, 13.442,
277.933


 90, 13.442,
277.933

 50, 13.442,
277.933

 40, 13.442,
277.933

 30, 13.442,
277.933

 20, 13.442,
277.933

 10, 13.442,
277.933

 0, 13.442, 277.933

70, 13.442,
277.933

70, 13.442,
277.933

65, 21.626,
279.553

75, 5.442, 276.553

60, 30.014,
281.453

80, 2.380, 95.232

54, 38.628,
283.667

86, 10.032, 94.256

49, 47.496,
286.222

95, 24.421, 96.491

44, 56.644,
289.115

99, 30.223,
107.880

40, 66.058,
292.292

36, 75.616,
295.617

32, 84.989,

298.860

■ 31, 87.770,
299.753

Harmonies

Complementary

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



70, 13.442, 277.933



76, 13.337, 93.615

Rectangle

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



70, 13.442, 277.933



70, 13.442, 327.933



70, 13.442, 97.933



70, 13.442, 147.933

Sweetspot

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



70, 13.441, 277.929



96, 4.840, 276.331



76, 12.975, 175.575



51, 3.331, 276.416



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, 13.441, 277.929



86, 19.663, 278.450



68, 18.426, 299.862



38, 4.444, 276.865



25, 74.948, 299.288



3, 15.834, 282.403

Inverse Universe

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



70, 13.597, 359.533



86, 19.951, 359.932



77, 17.787, 117.522



38, 4.460, 358.697



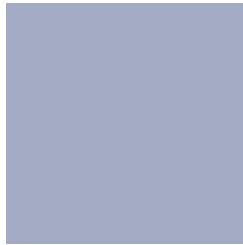
33, 62.685, 22.858



3, 14.514, 4.854

Previews

White Background



This preview shows how the CIELCh color 70, 13.442, 277.933 looks on a white background.

Color Contrast Check

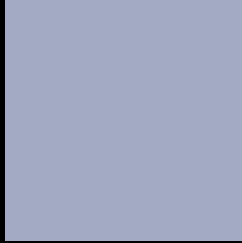
Large Text (above 18pt) WCAG AA × Fail

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 70, 13.442, 277.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

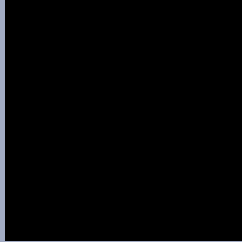
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

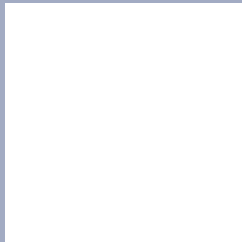
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 13.442, 277.933

Background



This preview shows how black text looks on a background with the CIELCh color 70, 13.442, 277.933.

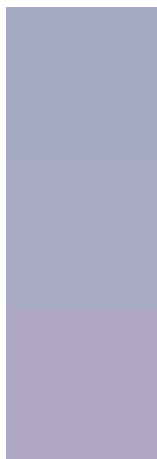


This preview shows how white text looks on a background with the CIELCh color 70, 13.442, 277.933.

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

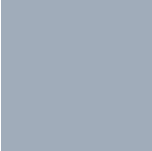
70, 13.442, 277.933

Protanopia

70, 13.171, 286.868

Deuteranopia

70, 16.282, 303.077



Tritanopia
70, 8.694, 261.412

Trichromacy



Original Color
70, 13.442, 277.933

Protanomaly
70, 13.232, 283.836

Deuteranomaly
70, 15.418, 295.640

Tritanomaly
70, 10.006, 268.138

Monochromacy



Original Color
70, 13.442, 277.933

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.034, 278.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 13.442, 277.933 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(162, 171, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 171, 195)  
}
```

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(162, 171, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 171, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 13.442, 277.933 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(162, 171, 195) }
```

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

```
.border{ border-color:rgb(162, 171, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 171, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 171, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 171, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 171,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 13.442, 277.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 171, 195) }
```

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

```
.background{ background-color: rgb(162,  
171, 195) }
```

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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