

Converting Colors

CIELCh(70, 14.522, 273.860)

Have a look what the booklet for
CIELCh(70, 14.522, 273.860)
contains.

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Color

CIELCh(70, 14.290, 273.154)

Conversions

Conversions Part 1

Format	Color
Hex	9FACC5
RGB	159, 172, 197
RGB Percent	62%, 67%, 77%
CMY	0.3776, 0.3266, 0.2287
CMYK	0.19, 0.13, 0.00, 0.23
HSL	219°, 25%, 70%
HSV	219°, 19%, 77%
XYZ	38.9781, 40.7494, 58.4500
YIQ	170.9630, -15.7730, 5.0190

Conversions

Conversions Part 2

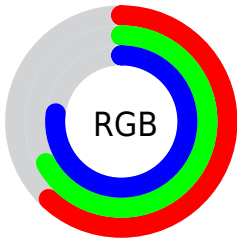
Format	Color
R _Y B	159, 169, 197
Decimal	10464453
CIE Lab	70.00, 0.79, -14.27
CIE LCh	70, 14.290, 273.154
Yxy	40.7494, 0.2821, 0.2949
Android (android.graphics.Color)	4288654533 (0xFF9FACC5)
YUV	170.9630, 12.8362, -10.4916
Hunter-Lab	63.8353, -2.7189, -9.6035

Details

The CIELCh color $70, 14.290, 273.154$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 14.376, 87.961$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.587, 273.980$, and $50, 14.098, 272.500$ is the 20% darker color. If you saturate the color by 10%, you get $65, 21.844, 274.909$, and if you desaturate by 10%, it is $75, 6.844, 271.658$.

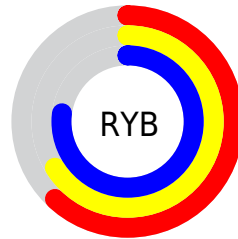
Distribution



Red (62%)

Green (67%)

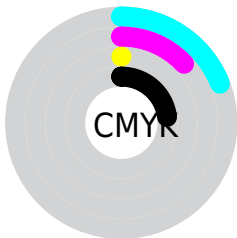
Blue (77%)



Red (62%)

Yellow (66%)

Blue (77%)

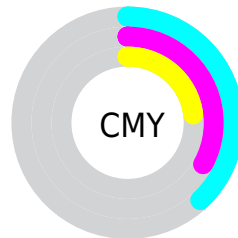


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (38%)


Magenta (33%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.290, 273.154 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, 14.290, 273.154 by changing the saturation by 10% instead.


 70, 14.290,
273.154


 70, 14.290,
273.154


 100, 14.290,
273.154


 60, 14.290,
273.154


 90, 14.290,
273.154

 50, 14.290,
273.154

 40, 14.290,
273.154

 30, 14.290,
273.154

 20, 14.290,
273.154

 10, 14.290,
273.154

 0, 14.290, 273.154

70, 14.290,
273.154

70, 14.290,
273.154

65, 21.844,
274.909

75, 6.844, 271.658

60, 29.517,
276.971

80, 0.492, 89.828

56, 37.324,
279.377

85, 7.717, 89.173

51, 45.294,
282.157

94, 21.549, 89.326

46, 53.465,
285.312

97, 26.742,
103.506

42, 61.861,
288.786

99, 29.383,
107.944

38, 70.452,
292.451

34, 79.090,

296.035

■ 34, 79.681,
296.260

Harmonies

Complementary

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



70, 14.290, 273.154



75, 14.376, 87.961

Rectangle

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



70, 14.290, 273.154



70, 14.290, 323.154



70, 14.290, 93.154



70, 14.290, 143.154

Sweetspot

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



70, 14.289, 273.150



96, 5.434, 271.238



76, 15.535, 170.797



51, 3.606, 271.321



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, 14.289, 273.150



86, 21.069, 273.827



67, 21.165, 297.682



39, 4.205, 271.668



28, 68.383, 295.745



4, 16.523, 280.531

Inverse Universe

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



69, 16.203, 355.000



85, 23.968, 355.477



78, 20.282, 114.626



39, 4.720, 353.921



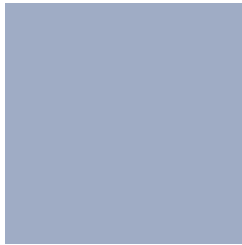
34, 61.556, 16.638



4, 16.712, 2.059

Previews

White Background



This preview shows how the CIELCh color 70, 14.290, 273.154 looks on a white background.

Color Contrast Check

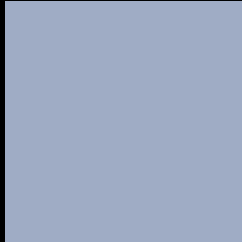
Large Text (above 18pt) WCAG AA × Fail

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, 14.290, 273.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

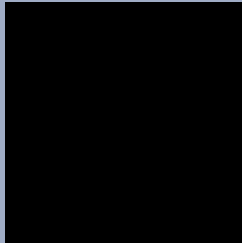
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 14.290, 273.154

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.290, 273.154.



This preview shows how white text looks on a background with the CIELCh color 70, 14.290, 273.154.

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, 14.290, 273.154

Protanopia

70, 13.716, 287.116

Deuteranopia

70, 17.291, 301.257



Tritanopia
70, 9.417, 253.883

Trichromacy



Original Color
70, 14.290, 273.154

Protanomaly
70, 13.849, 281.342

Deuteranomaly
70, 15.897, 291.750

Tritanomaly
70, 11.048, 262.641

Monochromacy



Original Color
70, 14.290, 273.154

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.120, 274.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.290, 273.154 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(159, 172, 197)` looks like.

```
.text, #text, p{  
    color:rgb(159, 172, 197)  
}
```

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(159, 172, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 172, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.290, 273.154 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(159, 172, 197) }
```

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

```
.border{ border-color:rgb(159, 172, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 172, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 172, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 172, 197);  
box-shadow:4px 4px 4px 4px rgb(159, 172,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.290, 273.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 172, 197) }
```

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

```
.background{ background-color: rgb(159,  
172, 197) }
```

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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