

Converting Colors

CIELCh(69, 14.320, 273.687)

Have a look what the booklet for
CIELCh(69, 14.320, 273.687)
contains.

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Color

CIELCh(69, 14.334, 273.199)

Conversions

Conversions Part 1

Format	Color
Hex	9CA9C2
RGB	156, 169, 194
RGB Percent	61%, 66%, 76%
CMY	0.3882, 0.3372, 0.2392
CMYK	0.20, 0.13, 0.00, 0.24
HSL	219°, 24%, 69%
HSV	219°, 20%, 76%
XYZ	37.6411, 39.3444, 56.6555
YIQ	167.9630, -15.7730, 5.0190

Conversions

Conversions Part 2

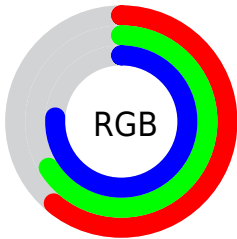
Format	Color
RYB	156, 166, 194
Decimal	10267074
CIELab	69.00, 0.80, -14.31
CIElCh	69, 14.334, 273.199
Yxy	39.3444, 0.2817, 0.2944
Android (android.graphics.Color)	4288457154 (0xFF9CA9C2)
YUV	167.9630, 12.8362, -10.4916
Hunter-Lab	62.7251, -2.6517, -9.6452

Details

The CIELCh color $69, 14.334, 273.199$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 14.422, 87.931$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 14.622, 274.008$, and $49, 14.156, 272.585$ is the 20% darker color. If you saturate the color by 10%, you get $64, 21.807, 274.959$, and if you desaturate by 10%, it is $74, 6.968, 271.698$.

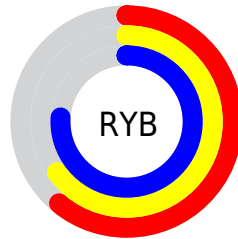
Distribution



Red (61%)

Green (66%)

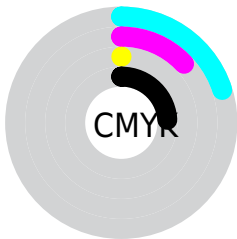
Blue (76%)



Red (61%)

Yellow (65%)

Blue (76%)

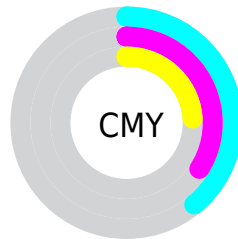


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (39%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 14.334, 273.199 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 69, 14.334, 273.199 by changing the saturation by 10% instead.

■ 69, 14.334,
273.199

■ 69, 14.334,
273.199

■ 100, 14.334,
273.199

■ 59, 14.334,
273.199

■ 89, 14.334,
273.199

■ 49, 14.334,
273.199

■ 99, 14.334,
273.199

■ 39, 14.334,
273.199

■ 29, 14.334,
273.199

■ 19, 14.334,
273.199

■ 9, 14.334, 273.199

■ 0, 14.334, 273.199

69, 14.334,
273.199

69, 14.334,
273.199

64, 21.807,
274.959

74, 6.968, 271.698

59, 29.398,
277.027

79, 0.290, 89.528

83, 7.439, 89.205

55, 37.123,
279.439

88, 14.477, 88.245

50, 45.010,
282.225

93, 21.401, 87.396

96, 26.438,
100.328

46, 53.094,
285.384

99, 30.718,
107.842

41, 61.403,
288.861

37, 69.902,
292.524

34, 78.445,

296.093

■ 34, 78.798,
296.228

Harmonies

Complementary

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



69, 14.334, 273.199



74, 14.422, 87.931

Rectangle

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



69, 14.334, 273.199



69, 14.334, 323.199



69, 14.334, 93.199



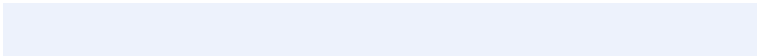
69, 14.334, 143.199

Sweetspot

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



69, 14.333, 273.195



96, 5.391, 271.241



75, 15.575, 170.771



51, 3.606, 271.325



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 14.333, 273.195



85, 21.824, 274.006



66, 21.236, 297.707



38, 4.116, 271.668



28, 67.509, 295.699



3, 14.965, 279.463

Inverse Universe

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



68, 16.255, 355.033



84, 24.842, 355.603



77, 20.338, 114.607



38, 4.619, 353.920



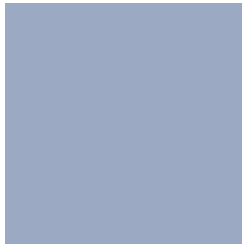
34, 60.831, 16.565



3, 14.793, 1.315

Previews

White Background



This preview shows how the CIELCh color 69, 14.334, 273.199 looks on a white background.

Color Contrast Check

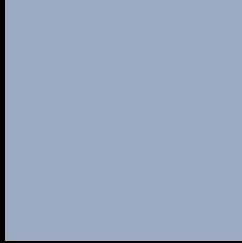
Large Text (above 18pt) WCAG AA × Fail

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 69, 14.334, 273.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

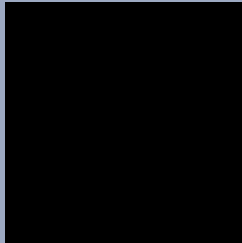
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

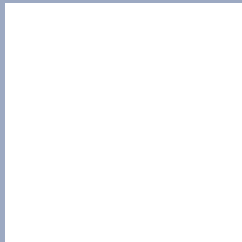
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 14.334, 273.199

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.334, 273.199.



This preview shows how white text looks on a background with the CIELCh color 69, 14.334, 273.199.

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

69, 14.334, 273.199

Protanopia

69, 14.308, 287.376

Deuteranopia

69, 17.348, 301.274



Tritanopia
69, 9.227, 249.971

Trichromacy



Original Color
69, 14.334, 273.199

Protanomaly
69, 13.894, 281.376

Deuteranomaly
69, 15.950, 291.775

Tritanomaly
69, 11.080, 262.683

Monochromacy



Original Color
69, 14.334, 273.199

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.136, 274.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.334, 273.199 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(156, 169, 194)` looks like.

```
.text, #text, p{  
    color:rgb(156, 169, 194)  
}
```

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(156, 169, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 169, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.334, 273.199 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(156, 169, 194) }
```

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

```
.border{ border-color:rgb(156, 169, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 169, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 169, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 169, 194);  
box-shadow:4px 4px 4px 4px rgb(156, 169,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.334, 273.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 169, 194) }
```

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

```
.background{ background-color: rgb(156,  
169, 194) }
```

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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