

Converting Colors

CIELCh(71, 14.531, 269.778)

Have a look what the booklet for
CIELCh(71, 14.531, 269.778)
contains.

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Color

CIELCh(71, 14.569, 269.296)

Conversions

Conversions Part 1

Format	Color
Hex	9FAFC8
RGB	159, 175, 200
RGB Percent	62%, 69%, 78%
CMY	0.3766, 0.3138, 0.2158
CMYK	0.21, 0.12, 0.00, 0.22
HSL	217°, 27%, 70%
HSV	217°, 21%, 78%
XYZ	40.0406, 42.1875, 60.6604
YIQ	173.0660, -17.5610, 4.3830

Conversions

Conversions Part 2

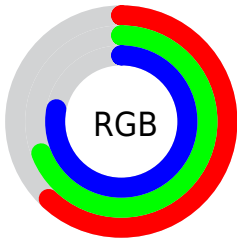
Format	Color
R_{YB}	159, 171, 200
Decimal	10465224
CIE _{Lab}	71.00, -0.18, -14.57
CIE _{LCh}	71, 14.569, 269.296
Yxy	42.1875, 0.2802, 0.2952
Android (android.graphics.Color)	4288655304 (0xFF9FAFC8)
YUV	173.0660, 13.2785, -12.3359
Hunter-Lab	64.9519, -3.6269, -9.9063

Details

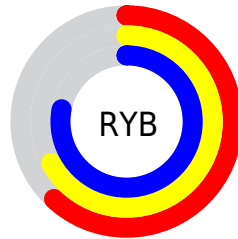
The CIELCh color $71, 14.569, 269.296$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 14.853, 83.654$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 13.896, 268.613$, and $51, 14.384, 268.472$ is the 20% darker color. If you saturate the color by 10%, you get $66, 21.753, 271.126$, and if you desaturate by 10%, it is $76, 7.436, 267.740$.

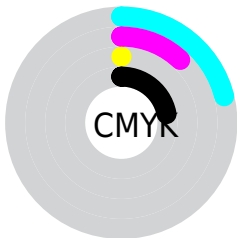
Distribution



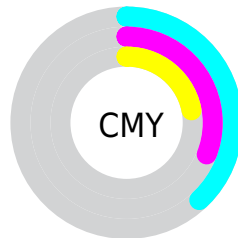
- Red (62%)
- Green (69%)
- Blue (78%)



- Red (62%)
- Yellow (67%)
- Blue (78%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 14.569, 269.296 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 71, 14.569, 269.296 by changing the saturation by 10% instead.

■ 71, 14.569,
269.296

■ 71, 14.569,
269.296

■ 100, 14.569,
269.296

■ 61, 14.569,
269.296

■ 91, 14.569,
269.296

■ 51, 14.569,
269.296

■ 41, 14.569,
269.296

■ 31, 14.569,
269.296

■ 21, 14.569,
269.296

■ 11, 14.569,
269.296

■ 1, 14.569, 269.296

0, 14.569, 269.296

71, 14.569,
269.296

71, 14.569,
269.296

66, 21.753,
271.126

76, 7.436, 267.740

62, 28.991,
273.283

80, 0.362, 267.139

57, 36.292,
275.808

85, 6.647, 85.157

53, 43.683,
278.734

90, 13.581, 84.176

48, 51.207,
282.065

94, 19.814, 87.278

44, 58.911,
285.750

97, 24.560,
102.215

99, 27.747,
108.070

■ 41, 66.814,
289.659

■ 37, 74.465,
293.309

Harmonies

Complementary

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



71, 14.569, 269.296



75, 14.853, 83.654

Rectangle

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



71, 14.569, 269.296



71, 14.569, 319.296



71, 14.569, 89.296



71, 14.569, 139.296

Sweetspot

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



71, 14.568, 269.292



97, 5.169, 267.148



77, 17.296, 167.526



51, 3.429, 267.232



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 14.568, 269.292



86, 21.677, 270.145



67, 22.764, 296.026



40, 3.996, 267.583



30, 63.038, 292.701



4, 15.785, 278.035

Inverse Universe

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



70, 17.907, 351.991



84, 26.752, 352.553



79, 21.729, 112.444



39, 4.851, 350.814



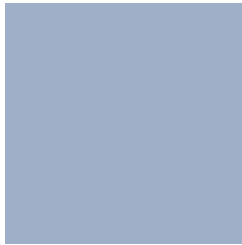
34, 60.778, 12.065



4, 16.984, 359.434

Previews

White Background



This preview shows how the CIELCh color 71, 14.569, 269.296 looks on a white background.

Color Contrast Check

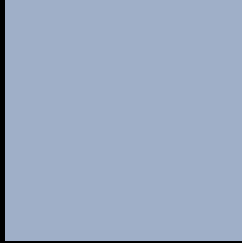
Large Text (above 18pt) WCAG AA × Fail

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 71, 14.569, 269.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

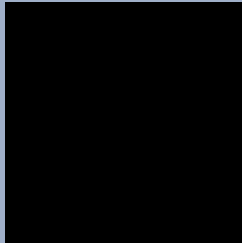
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

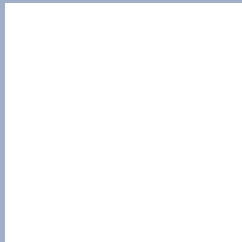
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 14.569, 269.296

Background



This preview shows how black text looks on a background with the CIELCh color 71, 14.569, 269.296.



This preview shows how white text looks on a background with the CIELCh color 71, 14.569, 269.296.

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

71, 14.569, 269.296

Protanopia

71, 14.231, 287.331

Deuteranopia

71, 17.793, 300.987



Tritanopia
71, 10.233, 247.545

Trichromacy



Original Color
71, 14.569, 269.296

Protanomaly
71, 14.411, 280.428

Deuteranomaly
71, 16.407, 290.569

Tritanomaly
71, 11.512, 258.045

Monochromacy



Original Color
71, 14.569, 269.296

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.343, 266.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 14.569, 269.296 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, 175, 200)` looks like.

```
.text, #text, p{  
    color:rgb(159, 175, 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(159, 175, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 175, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 14.569, 269.296 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, 175, 200) }
```

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

```
.border{ border-color:rgb(159, 175, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 175, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 175, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 175, 200);  
box-shadow:4px 4px 4px 4px rgb(159, 175,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 14.569, 269.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 175, 200) }
```

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

```
.background{ background-color: rgb(159,  
175, 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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