

Converting Colors

CIELCh(71, 13.341, 266.312)

Have a look what the booklet for
CIELCh(71, 13.341, 266.312)
contains.

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Color

CIELCh(71, 13.579, 267.342)

Conversions

Conversions Part 1

Format	Color
Hex	9FAFC6
RGB	159, 175, 198
RGB Percent	62%, 69%, 78%
CMY	0.3759, 0.3131, 0.2229
CMYK	0.20, 0.12, 0.00, 0.22
HSL	215°, 26%, 70%
HSV	215°, 20%, 78%
XYZ	39.8963, 42.1875, 59.5575
YIQ	172.8380, -16.9190, 3.7610

Conversions

Conversions Part 2

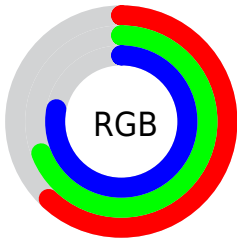
Format	Color
R_{YB}	159, 170, 198
Decimal	10465222
CIE _{Lab}	71.00, -0.63, -13.56
CIE _{LCh}	71, 13.579, 267.342
Yxy	42.1875, 0.2817, 0.2978
Android (android.graphics.Color)	4288655302 (0xFF9FAFC6)
YUV	172.8380, 12.4049, -12.1359
Hunter-Lab	64.9519, -4.0234, -8.8995

Details

The CIELCh color $71, 13.579, 267.342$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 13.908, 81.931$, 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 $51, 13.345, 266.182$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.517, 269.156$, and if you desaturate by 10%, it is $76, 6.666, 265.804$.

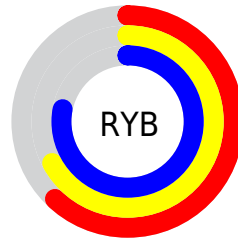
Distribution



Red (62%)

Green (69%)

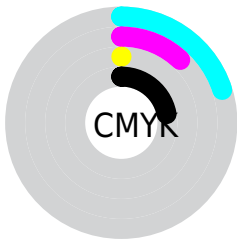
Blue (78%)



Red (62%)

Yellow (67%)

Blue (78%)

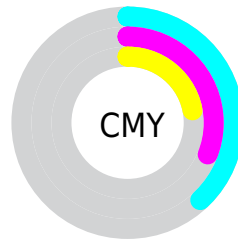


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 13.579, 267.342 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, 13.579, 267.342 by changing the saturation by 10% instead.

■ 71, 13.579,
267.342

■ 71, 13.579,
267.342

■ 100, 13.579,
267.342

■ 61, 13.579,
267.342

■ 91, 13.579,
267.342

■ 51, 13.579,
267.342

■ 41, 13.579,
267.342

■ 31, 13.579,
267.342

■ 21, 13.579,
267.342

■ 11, 13.579,
267.342

■ 1, 13.579, 267.342

0, 13.579, 267.342

71, 13.579,
267.342

71, 13.579,
267.342

66, 20.517,
269.156

76, 6.666, 265.804

80, 0.209, 83.012

62, 27.480,
271.300

85, 7.036, 83.241

58, 34.473,
273.815

89, 13.806, 82.270

53, 41.517,
276.740

93, 19.956, 84.573

96, 24.228, 99.532

49, 48.654,
280.085

99, 28.656,
108.000

45, 55.937,
283.809

■ 41, 63.409,
287.797

■ 38, 71.065,
291.770

■ 38, 71.311,
291.886

Harmonies

Complementary

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



71, 13.579, 267.342



75, 13.908, 81.931

Rectangle

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



71, 13.579, 267.342



71, 13.579, 317.342



71, 13.579, 87.342



71, 13.579, 137.342

Sweetspot

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



71, 13.578, 267.337



97, 5.067, 265.328



77, 16.692, 166.610



51, 3.361, 265.411



0, 0.000, 0.000



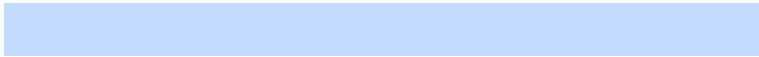
53, 0.007, 296.813

Same Dimension

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



71, 13.578, 267.337



87, 20.337, 268.150



67, 21.642, 295.342



40, 3.916, 265.762



31, 60.825, 291.283



4, 15.469, 276.858

Inverse Universe

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



69, 17.238, 350.639



84, 25.930, 351.163



79, 20.694, 111.812



39, 4.910, 349.574



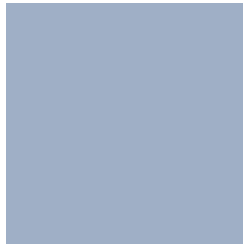
34, 60.591, 10.141



4, 17.116, 358.301

Previews

White Background



This preview shows how the CIELCh color 71, 13.579, 267.342 looks on a white background.

Color Contrast Check

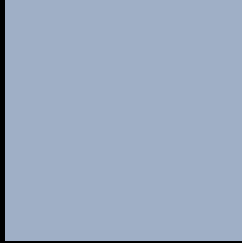
Large Text (above 18pt) WCAG AA × Fail

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, 13.579, 267.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

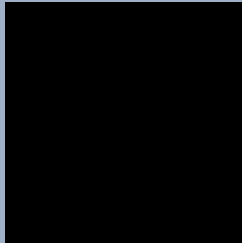
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

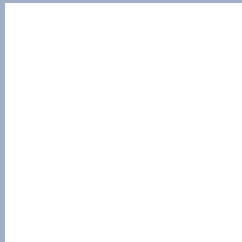
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 13.579, 267.342

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.579, 267.342.



This preview shows how white text looks on a background with the CIELCh color 71, 13.579, 267.342.

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

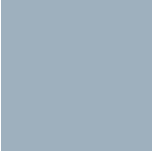
71, 13.579, 267.342

Protanopia

71, 13.126, 288.383

Deuteranopia

71, 16.782, 302.725



Tritanopia
71, 9.803, 250.558

Trichromacy



Original Color
71, 13.579, 267.342

Protanomaly
71, 13.285, 280.825

Deuteranomaly
71, 15.317, 291.681

Tritanomaly
71, 11.070, 256.386

Monochromacy



Original Color
71, 13.579, 267.342

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.853, 263.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.579, 267.342 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 175, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 175, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.579, 267.342 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, 198) }
```

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

```
.border{ border-color:rgb(159, 175, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 175, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 175, 198);  
box-shadow:4px 4px 4px 4px rgb(159, 175,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.579, 267.342 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, 198) }
```

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

```
.background{ background-color: rgb(159,  
175, 198) }
```

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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