Converting Colors

CIELCh(71, 16.851, 239.817)

Have a look what the booklet for CIELCh(71, 16.851, 239.817) contains.

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Color

CIELCh(71, 16.894, 239.113)

Conversions

Conversions Part 1

Format	Color
Hex	8CB4C8
RGB	140, 180, 200
RGB Percent	55%, 71%, 78%
CMY	0.4524, 0.2956, 0.2172
CMYK	0.30, 0.10, 0.00, 0.22
HSL	200°, 35%, 67%
HSV	200°, 30%, 78%
XYZ	37.3798, 42.1875, 60.5833
YIQ	170.3200, -30.2600, -2.2600

Conversions

Conversions Part 2

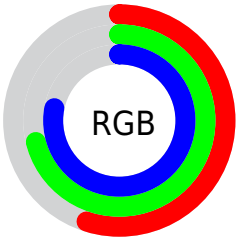
Format	Color
RYB	140, 164, 200
Decimal	9221320
CIELab	71.00, -8.67, -14.50
CIELCh	71, 16.894, 239.113
Yxy	42.1875, 0.2667, 0.3010
Android (android.graphics.Color)	4287411400 (0xFF8CB4C8)
YUV	170.3200, 14.6322, -26.5906
Hunter-Lab	64.9519, -10.9391, -9.8359

Details

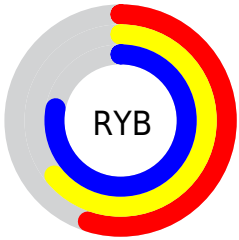
The CIELCh color 71, 16.894, 239.113 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 69, 19.968, 53.448, and the grayscale version is 70, 0.009, 296.813.

A 20% lighter version of the original color is 91, 16.336, 235.993, and 51, 16.849, 239.793 is the 20% darker color. If you saturate the color by 10%, you get 68, 21.885, 240.835, and if you desaturate by 10%, it is 74, 11.547, 237.734.

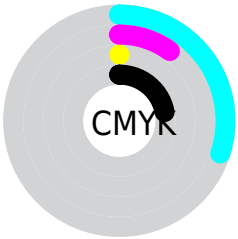
Distribution



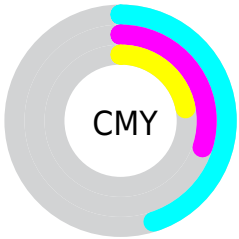
- Red (55%)
- Green (71%)
- Blue (78%)



- Red (55%)
- Yellow (64%)
- Blue (78%)



- Cyan (30%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (45%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 16.894, 239.113 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, 16.894, 239.113 by changing the saturation by 10% instead.

71, 16.894, 239.113

100, 16.894, 239.113

91, 16.894, 239.113

71, 16.894, 239.113

61, 16.894, 239.113

51, 16.894, 239.113

41, 16.894, 239.113

31, 16.894, 239.113

21, 16.894, 239.113

11, 16.894, 239.113

1, 16.894, 239.113

0, 16.894, 239.113

71, 16.894, 239.113

68, 21.885, 240.835

65, 26.463, 242.988

62, 30.588, 245.655

60, 34.250, 248.919

57, 37.490, 252.836

55, 40.414, 257.403

71, 16.894, 239.113

74, 11.547, 237.734

77, 5.908, 236.663

80, 0.036, 249.408

84, 6.018, 54.888

87, 12.203, 54.348

90, 17.075, 57.036

92, 17.614, 70.550

93, 19.059, 82.572

53, 43.219, 262.356

95, 21.213, 92.460

Harmonies

Complementary

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

71, 16.894, 239.113

69, 19.968, 53.448

Rectangle

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

71, 16.894, 239.113

71, 16.894, 289.113

71, 16.894, 59.113

71, 16.894, 109.113

Sweetspot

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

71, 16.893, 239.109

96, 6.465, 236.580

76, 31.296, 152.518

51, 4.480, 236.714

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, 16.893, 239.109

86, 24.251, 240.181

63, 27.528, 285.566

40, 3.328, 236.602

44, 36.896, 261.530

7, 11.667, 250.283

Inverse Universe

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

65, 31.323, 337.919

78, 45.663, 338.480

76, 26.476, 97.942

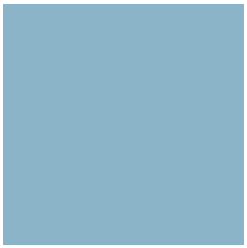
39, 5.842, 336.285

36, 64.893, 347.170

4, 20.006, 342.631

Previews

White Background

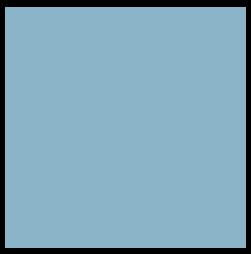


This preview shows how the CIELCh color 71, 16.894, 239.113 looks on a white background.

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



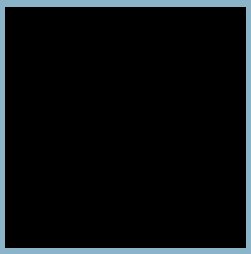
This preview shows how the CIELCh color 71, 16.894, 239.113 looks on a black background.

Color Contrast Check

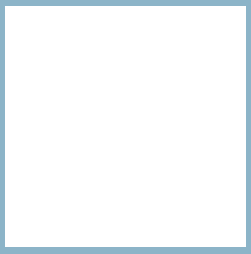
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 71, 16.894, 239.113 Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.894, 239.113.



This preview shows how white text looks on a background with the CIELCh color 71, 16.894, 239.113.

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

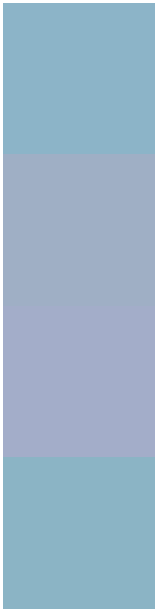
Original Color
71, 16.894, 239.113

Protanopia
71, 12.581, 288.188

Deuteranopia
71, 18.278, 299.653

Tritanopia
71, 15.796, 229.921

Trichromacy



Original Color
71, 16.894, 239.113

Protanomaly
71, 13.090, 266.261

Deuteranomaly
71, 15.599, 278.890

Tritanomaly
71, 16.287, 233.489

Monochromacy

Original Color
71, 16.894, 239.113

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.562, 234.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.894, 239.113 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(140, 180, 200) looks like.

```
.text, #text, p{
    color:rgb(140, 180, 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(140, 180, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 180, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.894, 239.113 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(140, 180, 200) }
```

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

```
.border{ border-color:rgb(140, 180, 200) }
```

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

Here you see how a box with a 4 pixel rgb(140, 180, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 180, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 180, 200); box-shadow:4px 4px 4px 4px rgb(140, 180, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.894, 239.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 180, 200) }
```

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

```
.background{ background-color:rgb(140,
180, 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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