

Converting Colors

CIELCh(71, 8.559, 249.189)

Have a look what the booklet for
CIELCh(71, 8.559, 249.189) contains.

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Color

CIELCh(71, 8.567, 249.199)

Conversions

Conversions Part 1

Format	Color
Hex	A0B0BC
RGB	160, 176, 188
RGB Percent	63%, 69%, 74%
CMY	0.3723, 0.3096, 0.2625
CMYK	0.15, 0.06, 0.00, 0.26
HSL	206°, 17%, 68%
HSV	206°, 15%, 74%
XYZ	39.1299, 42.1875, 53.6923
YIQ	172.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

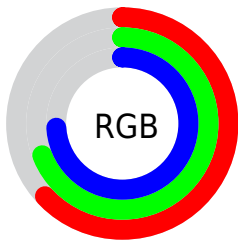
Format	Color
R_{YB}	160, 170, 188
Decimal	10531004
CIE _{Lab}	71.00, -3.04, -8.01
CIE _{LCh}	71, 8.567, 249.199
Yxy	42.1875, 0.2898, 0.3125
Android (android.graphics.Color)	4288721084 (0xFFA0B0BC)
YUV	172.5840, 7.6001, -11.0362
Hunter-Lab	64.9519, -6.1295, -3.5456

Details

The CIELCh color **71, 8.567, 249.199** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 9.049, 65.648**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 8.409, 247.024**, and **51, 8.620, 247.240** is the 20% darker color. If you saturate the color by 10%, you get **68, 14.136, 250.724**, and if you desaturate by 10%, it is **75, 2.846, 247.992**.

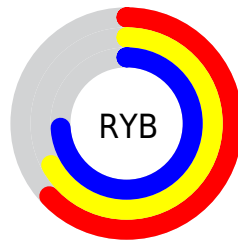
Distribution



Red (63%)

Green (69%)

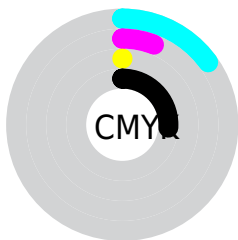
Blue (74%)



Red (63%)

Yellow (67%)

Blue (74%)

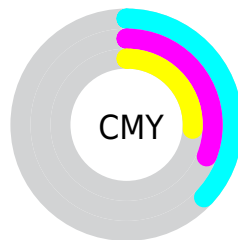


Cyan (15%)

Magenta (6%)

Yellow (0%)

Black (26%)



Cyan (37%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 8.567, 249.199 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 71, 8.567, 249.199 by changing the saturation by 10% instead.

■ 71, 8.567, 249.199

■ 71, 8.567, 249.199

■ 100, 8.567,
249.199

■ 61, 8.567, 249.199

■ 91, 8.567, 249.199

■ 51, 8.567, 249.199

■ 41, 8.567, 249.199

■ 31, 8.567, 249.199

■ 21, 8.567, 249.199

■ 11, 8.567, 249.199

■ 1, 8.567, 249.199

■ 0, 8.567, 249.199

■ 71, 8.567, 249.199

■ 71, 8.567, 249.199

68, 14.136,
250.724

75, 2.846, 247.992

64, 19.518,
252.592

78, 2.987, 66.637

82, 8.902, 65.820

61, 24.679,
254.854

85, 14.869, 65.070

58, 29.597,
257.580

89, 20.865, 64.422

91, 22.289, 76.523

54, 34.272,
260.831

93, 24.438, 87.464

51, 38.742,
264.643

95, 27.323, 96.285

97, 30.718,
103.207

49, 43.087,
268.992

46, 47.427,
273.763

45, 49.717,

Harmonies

Complementary

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



71, 8.567, 249.199



71, 9.049, 65.648

Rectangle

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



71, 8.567, 249.199



71, 8.567, 299.199



71, 8.567, 69.199



71, 8.567, 119.199

Sweetspot

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



71, 8.566, 249.189



95, 2.888, 247.925



74, 13.713, 158.259



50, 2.049, 247.986



98, 0.011, 296.813



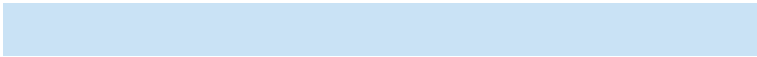
51, 0.007, 296.813

Same Dimension

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



71, 8.566, 249.189



89, 12.776, 249.677



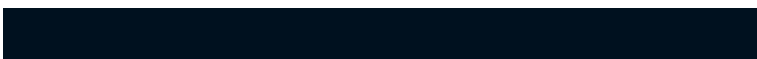
67, 14.187, 288.291



38, 3.290, 248.472



38, 43.232, 275.464



5, 10.757, 261.802

Inverse Universe

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



69, 13.774, 341.140



85, 20.684, 341.436



75, 13.800, 105.068



37, 5.230, 340.670



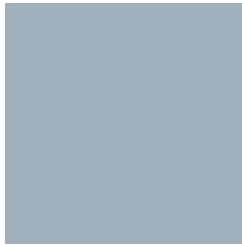
34, 60.548, 354.947



3, 14.575, 347.370

Previews

White Background



This preview shows how the CIELCh color 71, 8.567, 249.199 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 71, 8.567, 249.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

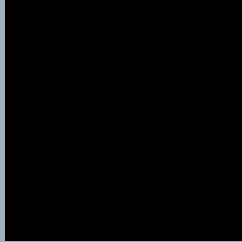
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

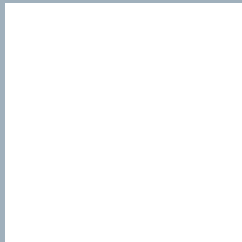
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 8.567, 249.199

Background



This preview shows how black text looks on a background with the CIELCh color 71, 8.567, 249.199.



This preview shows how white text looks on a background with the CIELCh color 71, 8.567, 249.199.

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

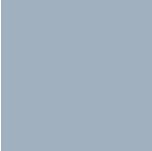
71, 8.567, 249.199

Protanopia

71, 7.671, 293.657

Deuteranopia

71, 12.629, 315.113



Tritanopia
71, 9.391, 253.848

Trichromacy



Original Color
71, 8.567, 249.199

Protanomaly
71, 7.827, 277.628

Deuteranomaly
71, 9.374, 297.747

Tritanomaly
71, 8.972, 251.628

Monochromacy



Original Color
71, 8.567, 249.199

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.084, 244.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 8.567, 249.199 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(160, 176, 188)` looks like.

```
.text, #text, p{  
    color:rgb(160, 176, 188)  
}
```

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(160, 176, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 176, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 8.567, 249.199 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(160, 176, 188) }
```

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

```
.border{ border-color:rgb(160, 176, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 176, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 176, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 176, 188);  
box-shadow:4px 4px 4px 4px rgb(160, 176,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 8.567, 249.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 176, 188) }
```

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

```
.background{ background-color: rgb(160,  
176, 188) }
```

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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