

Converting Colors

CIELCh(71, 10.098, 259.423)

Have a look what the booklet for
CIELCh(71, 10.098, 259.423)
contains.

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Color

CIELCh(71, 10.088, 259.411)

Conversions

Conversions Part 1

Format	Color
Hex	A1B0C0
RGB	161, 176, 192
RGB Percent	63%, 69%, 75%
CMY	0.3704, 0.3116, 0.2489
CMYK	0.16, 0.08, 0.00, 0.25
HSL	211°, 20%, 69%
HSV	211°, 16%, 75%
XYZ	39.5062, 42.1875, 55.6606
YIQ	173.3390, -14.0760, 1.7960

Conversions

Conversions Part 2

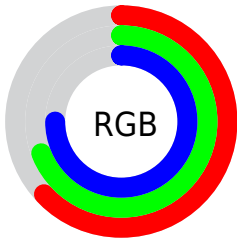
Format	Color
R_{YB}	161, 171, 192
Decimal	10596544
CIE _{Lab}	71.00, -1.85, -9.92
CIE _{LCh}	71, 10.088, 259.411
Yxy	42.1875, 0.2876, 0.3071
Android (android.graphics.Color)	4288786624 (0xFFA1B0C0)
YUV	173.3390, 9.1999, -10.8213
Hunter-Lab	64.9519, -5.0953, -5.3423

Details

The CIELCh color `71, 10.088, 259.411` is a light color, and the websafe version is hex `999999`. A complement of this color would be `73, 10.467, 75.106`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 9.801, 257.208`, and `51, 10.186, 258.452` is the 20% darker color. If you saturate the color by 10%, you get `67, 16.250, 261.107`, and if you desaturate by 10%, it is `75, 3.868, 258.006`.

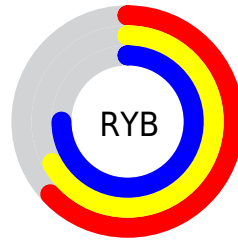
Distribution



Red (63%)

Green (69%)

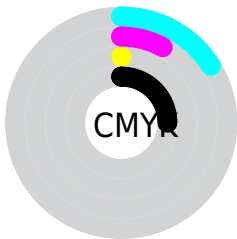
Blue (75%)



Red (63%)

Yellow (67%)

Blue (75%)

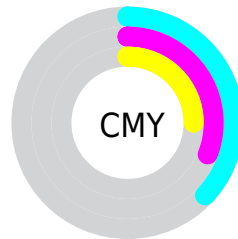


Cyan (16%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (37%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 10.088, 259.411 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, 10.088, 259.411 by changing the saturation by 10% instead.

■ 71, 10.088,
259.411

■ 71, 10.088,
259.411

■ 100, 10.088,
259.411

■ 61, 10.088,
259.411

■ 91, 10.088,
259.411

■ 51, 10.088,
259.411

■ 41, 10.088,
259.411

■ 31, 10.088,
259.411

■ 21, 10.088,
259.411

■ 11, 10.088,
259.411

■ 1, 10.088, 259.411

0, 10.088, 259.411

71, 10.088,
259.411

71, 10.088,
259.411

67, 16.250,
261.107

75, 3.868, 258.006

79, 2.386, 76.538

63, 22.337,
263.138

83, 8.654, 75.587

59, 28.336,
265.549

87, 14.917, 74.695

55, 34.247,
268.394

91, 20.861, 75.061

94, 23.532, 89.179

52, 40.094,
271.710

96, 27.309, 99.783

48, 45.931,
275.496

99, 31.765,
107.494

■ 45, 51.835,
279.684

■ 99, 31.947,
107.747

■ 42, 57.892,
284.110

■ 41, 60.276,
285.724

Harmonies

Complementary

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



71, 10.088, 259.411



73, 10.467, 75.106

Rectangle

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



71, 10.088, 259.411



71, 10.088, 309.411



71, 10.088, 79.411



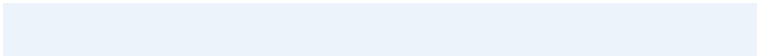
71, 10.088, 129.411

Sweetspot

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



71, 10.087, 259.403



96, 3.888, 257.880



75, 14.209, 162.290



51, 2.651, 257.960



99, 0.012, 296.813



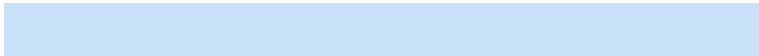
52, 0.007, 296.813

Same Dimension

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



71, 10.087, 259.403



89, 14.684, 259.904



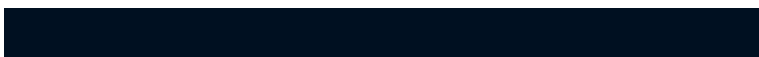
67, 17.143, 291.932



39, 3.578, 258.414



34, 52.217, 285.096



4, 13.042, 270.707

Inverse Universe

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



69, 14.352, 345.905



86, 20.986, 346.212



77, 16.525, 108.626



38, 5.037, 345.264



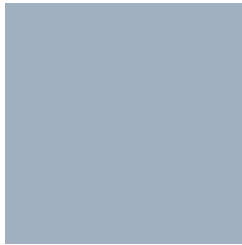
34, 59.900, 3.011



3, 15.695, 353.291

Previews

White Background



This preview shows how the CIELCh color 71, 10.088, 259.411 looks on a white background.

Color Contrast Check

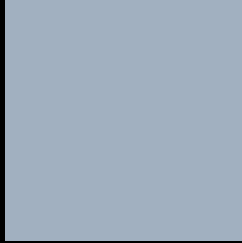
Large Text (above 18pt) WCAG AA × Fail

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, 10.088, 259.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

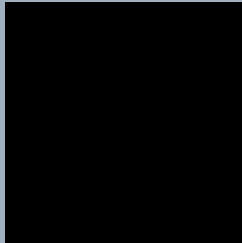
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

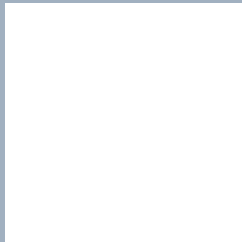
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 10.088, 259.411

Background



This preview shows how black text looks on a background with the CIELCh color 71, 10.088, 259.411.



This preview shows how white text looks on a background with the CIELCh color 71, 10.088, 259.411.

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

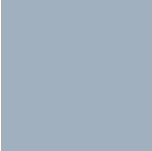
71, 10.088, 259.411

Protanopia

71, 9.842, 291.152

Deuteranopia

71, 13.888, 309.620



Tritanopia
71, 9.391, 253.848

Trichromacy



Original Color
71, 10.088, 259.411

Protanomaly
71, 9.961, 280.831

Deuteranomaly
71, 11.558, 296.653

Tritanomaly
71, 9.822, 255.880

Monochromacy



Original Color
71, 10.088, 259.411

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.917, 256.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 10.088, 259.411 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(161, 176, 192)` looks like.

```
.text, #text, p{  
    color:rgb(161, 176, 192)  
}
```

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(161, 176, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 176, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 10.088, 259.411 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(161, 176, 192) }
```

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

```
.border{ border-color:rgb(161, 176, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 176, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 176, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 176, 192);  
box-shadow:4px 4px 4px 4px rgb(161, 176,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 10.088, 259.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 176, 192) }
```

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

```
.background{ background-color: rgb(161,  
176, 192) }
```

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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