

Converting Colors

CIELCh(71, 8.215, 261.928)

Have a look what the booklet for
CIELCh(71, 8.215, 261.928) contains.

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Color

CIELCh(71, 8.035, 261.561)

Conversions

Conversions Part 1

Format	Color
Hex	A4AFBC
RGB	164, 175, 188
RGB Percent	64%, 69%, 74%
CMY	0.3568, 0.3137, 0.2627
CMYK	0.13, 0.07, 0.00, 0.26
HSL	212°, 15%, 69%
HSV	212°, 13%, 74%
XYZ	39.7209, 42.1875, 53.6306
YIQ	173.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

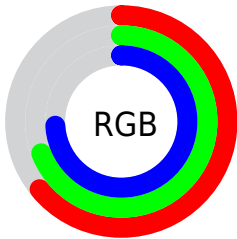
Format	Color
RYB	164, 172, 188
Decimal	10792892
CIELab	71.00, -1.18, -7.95
CIElCh	71, 8.035, 261.561
Yxy	42.1875, 0.2931, 0.3113
Android (android.graphics.Color)	4288982972 (0xFFA4AFBC)
YUV	173.1930, 7.2999, -8.0623
Hunter-Lab	64.9519, -4.5054, -3.4892

Details

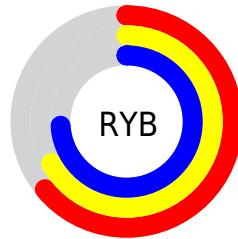
The CIELCh color **71, 8.035, 261.561** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 8.221, 78.153**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 8.112, 263.059**, and **51, 8.026, 260.072** is the 20% darker color. If you saturate the color by 10%, you get **67, 14.301, 263.162**, and if you desaturate by 10%, it is **75, 1.747, 260.309**.

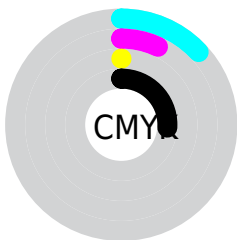
Distribution



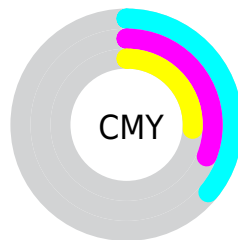
- Red (64%)
- Green (69%)
- Blue (74%)



- Red (64%)
- Yellow (67%)
- Blue (74%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 8.035, 261.561 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, 8.035, 261.561 by changing the saturation by 10% instead.

■ 71, 8.035, 261.561

■ 71, 8.035, 261.561

■ 100, 8.035,
261.561

■ 61, 8.035, 261.561

■ 91, 8.035, 261.561

■ 51, 8.035, 261.561

■ 41, 8.035, 261.561

■ 31, 8.035, 261.561

■ 21, 8.035, 261.561

■ 11, 8.035, 261.561

■ 1, 8.035, 261.561

■ 0, 8.035, 261.561

■ 71, 8.035, 261.561

■ 71, 8.035, 261.561

67, 14.301,
263.162

75, 1.747, 260.309

63, 20.532,
265.079

79, 4.543, 78.871

59, 26.717,
267.347

83, 10.820, 77.893

55, 32.856,
270.019

87, 17.070, 77.020

51, 38.968,
273.134

91, 22.648, 78.758

47, 45.097,
276.701

94, 25.688, 91.708

44, 51.310,
280.673

96, 29.733,
101.403

41, 57.673,
284.920

99, 33.696,
107.612

38, 62.411,

287.941

Harmonies

Complementary

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



71, 8.035, 261.561



73, 8.221, 78.153

Rectangle

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



71, 8.035, 261.561



71, 8.035, 311.561



71, 8.035, 81.561



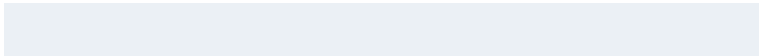
71, 8.035, 131.561

Sweetspot

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



71, 8.034, 261.551



94, 3.127, 260.418



74, 10.782, 164.422



50, 2.221, 260.498



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, 8.034, 261.551



89, 11.693, 261.924



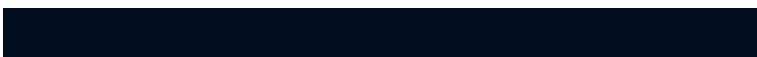
68, 13.240, 292.756



38, 3.580, 261.068



32, 54.161, 287.334



4, 12.036, 271.603

Inverse Universe

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



70, 10.930, 347.034



87, 15.964, 347.276



76, 12.862, 110.336



37, 4.846, 346.707



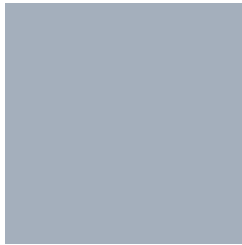
33, 59.077, 5.375



3, 13.647, 354.030

Previews

White Background



This preview shows how the CIELCh color 71, 8.035, 261.561 looks on a white background.

Color Contrast Check

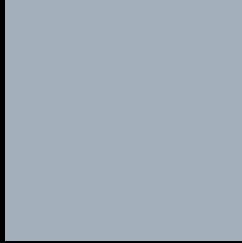
Large Text (above 18pt) WCAG AA × Fail

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, 8.035, 261.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

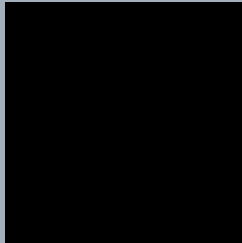
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

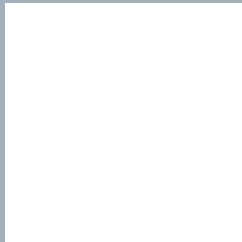
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 8.035, 261.561

Background



This preview shows how black text looks on a background with the CIELCh color 71, 8.035, 261.561.



This preview shows how white text looks on a background with the CIELCh color 71, 8.035, 261.561.

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, 8.035, 261.561

Protanopia

71, 7.671, 293.657

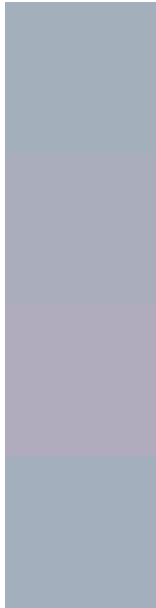
Deuteranopia

71, 12.135, 316.159



Tritanopia
71, 8.510, 263.467

Trichromacy



Original Color
71, 8.035, 261.561

Protanomaly
71, 7.708, 282.852

Deuteranomaly
71, 10.040, 301.544

Tritanomaly
71, 8.510, 263.467

Monochromacy



Original Color
71, 8.035, 261.561

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.621, 256.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 8.035, 261.561 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(164, 175, 188)` looks like.

```
.text, #text, p{  
    color:rgb(164, 175, 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(164, 175, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 175, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 8.035, 261.561 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(164, 175, 188) }
```

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

```
.border{ border-color:rgb(164, 175, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 175, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 175, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 175, 188);  
box-shadow:4px 4px 4px 4px rgb(164, 175,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 8.035, 261.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 175, 188) }
```

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

```
.background{ background-color: rgb(164,  
175, 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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