

Converting Colors

CIELCh(71, 15.356, 262.295)

Have a look what the booklet for
CIELCh(71, 15.356, 262.295)
contains.

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Color

CIELCh(71, 15.356, 262.295)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9AB0C9 |
| RGB | 154, 176, 201 |
| RGB Percent | 60%, 69%, 79% |
| CMY | 0.3957, 0.3094, 0.2114 |
| CMYK | 0.23, 0.12, 0.00, 0.21 |
| HSL | 212°, 30%, 70% |
| HSV | 212°, 23%, 79% |
| XYZ | 39.4411, 42.1875, 61.3814 |
| YIQ | 172.2720, -21.1370, 3.1110 |

Conversions

Conversions Part 2

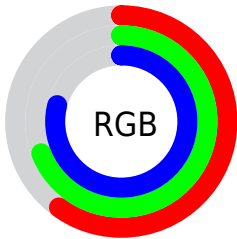
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 154, 169, 201 |
| Decimal | 10137801 |
| CIELab | 71.00, -2.06, -15.22 |
| CIELCh | 71, 15.356, 262.295 |
| Yxy | 42.1875, 0.2758, 0.2950 |
| Android (android.graphics.Color) | 4288327881 (0xFF9AB0C9) |
| YUV | 172.2720, 14.1629, -16.0245 |
| Hunter-Lab | 64.9519, -5.2742, -10.5644 |

Details

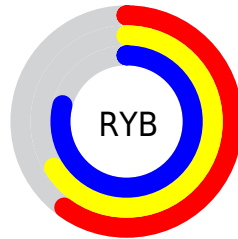
The CIELCh color `71, 15.356, 262.295` is a light color, and the websafe version is hex `999999`. A complement of this color would be `74, 16.145, 75.822`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 13.974, 258.010`, and `51, 15.208, 261.310` is the 20% darker color. If you saturate the color by 10%, you get `67, 21.848, 264.239`, and if you desaturate by 10%, it is `75, 8.810, 260.655`.

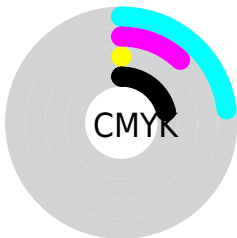
Distribution



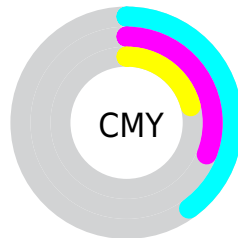
- Red (60%)
- Green (69%)
- Blue (79%)



- Red (60%)
- Yellow (66%)
- Blue (79%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)





- Cyan (40%)
- Magenta (31%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 15.356, 262.295 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, 15.356, 262.295 by changing the saturation by 10% instead.


 71, 15.356,
262.295


 71, 15.356,
262.295


 100, 15.356,
262.295


 61, 15.356,
262.295


 91, 15.356,
262.295

 51, 15.356,
262.295

 41, 15.356,
262.295

 31, 15.356,
262.295

 21, 15.356,
262.295

 11, 15.356,
262.295

 1, 15.356, 262.295

0, 15.356, 262.295

71, 15.356,
262.295

71, 15.356,
262.295

67, 21.848,
264.239

75, 8.810, 260.655

80, 2.231, 259.368

63, 28.275,
266.550

84, 4.362, 77.940

59, 34.638,
269.276

88, 10.950, 76.961

55, 40.957,
272.459

92, 17.517, 76.085

95, 20.771, 93.018

51, 47.279,
276.105

98, 25.281,
104.790

47, 53.680,
280.162

99, 27.187,

■ 44, 60.237,
284.493

108.113

■ 42, 64.708,
287.313

Harmonies

Complementary

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



71, 15.356, 262.295



74, 16.145, 75.822

Rectangle

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



71, 15.356, 262.295



71, 15.356, 312.295



71, 15.356, 82.295



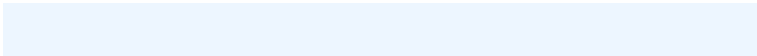
71, 15.356, 132.295

Sweetspot

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



71, 15.355, 262.291



96, 5.602, 259.783



77, 21.038, 162.462



51, 3.639, 259.862



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, 15.355, 262.291



86, 22.268, 263.227



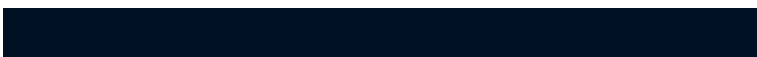
65, 26.163, 293.457



40, 3.706, 260.084



34, 54.560, 286.607



5, 14.537, 272.900

Inverse Universe

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



69, 21.510, 347.552



82, 31.355, 348.103



80, 24.772, 108.644



39, 5.093, 346.160



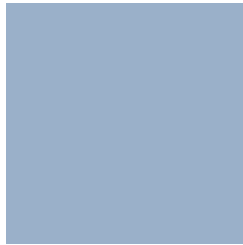
35, 60.502, 4.582



4, 17.564, 354.911

Previews

White Background



This preview shows how the CIELCh color 71, 15.356, 262.295 looks on a white background.

Color Contrast Check

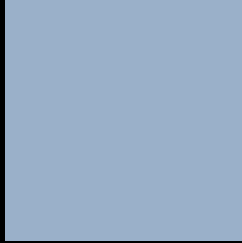
Large Text (above 18pt) WCAG AA × Fail

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, 15.356, 262.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

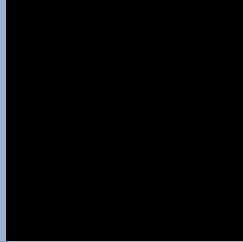
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

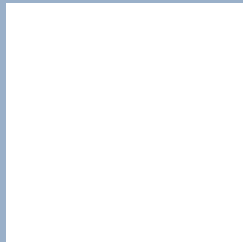
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 15.356, 262.295

Background



This preview shows how black text looks on a background with the CIELCh color 71, 15.356, 262.295.



This preview shows how white text looks on a background with the CIELCh color 71, 15.356, 262.295.

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, 15.356, 262.295

Protanopia

71, 14.231, 287.331

Deuteranopia

71, 18.278, 299.653



Tritanopia
71, 11.653, 240.038

Trichromacy



Original Color
71, 15.356, 262.295

Protanomaly
71, 14.473, 279.088

Deuteranomaly
71, 16.426, 286.938

Tritanomaly
71, 12.656, 250.193

Monochromacy



Original Color
71, 15.356, 262.295

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.139, 262.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 15.356, 262.295 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(154, 176, 201)` looks like.

```
.text, #text, p{  
    color:rgb(154, 176, 201)  
}
```

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(154, 176, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 176, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 15.356, 262.295 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(154, 176, 201) }
```

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

```
.border{ border-color:rgb(154, 176, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 176, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 176, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 176, 201);  
box-shadow:4px 4px 4px 4px rgb(154, 176,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 15.356, 262.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 176, 201) }
```

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

```
.background{ background-color: rgb(154,  
176, 201) }
```

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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