

Converting Colors

CIELCh(71, 14.278, 261.103)

Have a look what the booklet for
CIELCh(71, 14.278, 261.103)
contains.

CIELCh(71, 14.278, 261.103)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 14.278, 261.103)

Conversions

Conversions Part 1

Format	Color
Hex	9BB0C7
RGB	155, 176, 199
RGB Percent	61%, 69%, 78%
CMY	0.3918, 0.3095, 0.2193
CMYK	0.22, 0.12, 0.00, 0.22
HSL	211°, 28%, 69%
HSV	211°, 22%, 78%
XYZ	39.3938, 42.1875, 60.1513
YIQ	172.3430, -19.8990, 2.7010

Conversions

Conversions Part 2

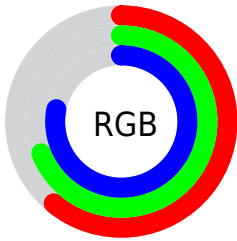
Format	Color
R_{YB}	155, 169, 199
Decimal	10203335
CIE _{Lab}	71.00, -2.21, -14.11
CIE _{LCh}	71, 14.278, 261.103
Yxy	42.1875, 0.2779, 0.2977
Android (android.graphics.Color)	4288393415 (0xFF9BB0C7)
YUV	172.3430, 13.1419, -15.2098
Hunter-Lab	64.9519, -5.4044, -9.4415

Details

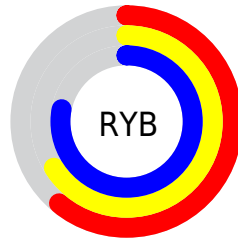
The CIELCh color **71, 14.278, 261.103** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 15.014, 75.050**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.810, 259.157**, and **51, 14.086, 259.768** is the 20% darker color. If you saturate the color by 10%, you get **67, 20.647, 263.000**, and if you desaturate by 10%, it is **75, 7.845, 259.506**.

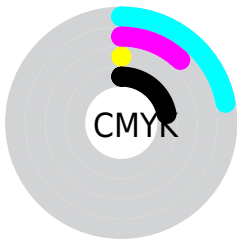
Distribution



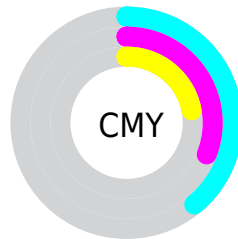
- Red (61%)
- Green (69%)
- Blue (78%)



- Red (61%)
- Yellow (66%)
- Blue (78%)



- Cyan (22%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)





- Cyan (39%)
- Magenta (31%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 14.278, 261.103 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, 14.278, 261.103 by changing the saturation by 10% instead.


 71, 14.278,
261.103


 71, 14.278,
261.103


 100, 14.278,
261.103


 61, 14.278,
261.103


 91, 14.278,
261.103

 51, 14.278,
261.103

 41, 14.278,
261.103

 31, 14.278,
261.103

 21, 14.278,
261.103

 11, 14.278,
261.103

 1, 14.278, 261.103

0, 14.278, 261.103

71, 14.278,
261.103

71, 14.278,
261.103

67, 20.647,
263.000

75, 7.845, 259.506

79, 1.371, 258.349

63, 26.940,
265.259

84, 5.123, 76.862

59, 33.151,
267.931

88, 11.617, 75.900

55, 39.296,
271.061

92, 18.096, 75.046

95, 21.121, 91.333

51, 45.419,
274.664

97, 25.361,
103.026

48, 51.592,
278.700

99, 28.190,

■ 44, 57.898,
283.045

108.036

■ 42, 63.033,
286.461

Harmonies

Complementary

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



71, 14.278, 261.103



74, 15.014, 75.050

Rectangle

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



71, 14.278, 261.103



71, 14.278, 311.103



71, 14.278, 81.103



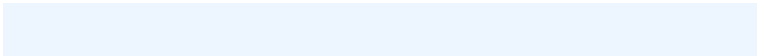
71, 14.278, 131.103

Sweetspot

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



71, 14.277, 261.098



96, 5.558, 258.826



77, 19.744, 162.593



51, 3.610, 258.904



0, 0.000, 0.000



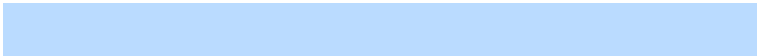
53, 0.007, 296.813

Same Dimension

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



71, 14.277, 261.098



86, 21.276, 262.064



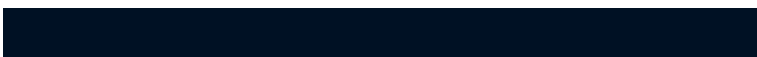
65, 24.472, 293.286



40, 3.677, 259.125



34, 53.591, 285.776



5, 14.387, 272.186

Inverse Universe

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



69, 20.266, 346.883



83, 30.381, 347.450



79, 23.248, 108.765



39, 5.124, 345.640



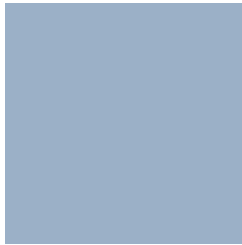
35, 60.549, 3.706



4, 17.645, 354.359

Previews

White Background



This preview shows how the CIELCh color 71, 14.278, 261.103 looks on a white background.

Color Contrast Check

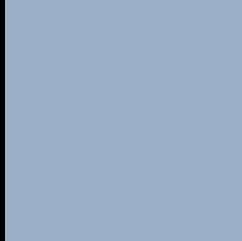
Large Text (above 18pt) WCAG AA × Fail

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, 14.278, 261.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

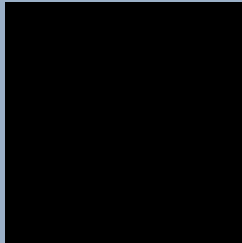
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

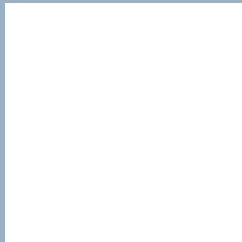
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 14.278, 261.103

Background



This preview shows how black text looks on a background with the CIELCh color 71, 14.278, 261.103.



This preview shows how white text looks on a background with the CIELCh color 71, 14.278, 261.103.

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





Tritanopia
71, 10.929, 243.538

Trichromacy



Original Color
71, 14.278, 261.103

Protanomaly
71, 13.878, 279.912

Deuteranomaly
71, 15.319, 287.757

Tritanomaly
71, 12.052, 249.608

Monochromacy



Original Color
71, 14.278, 261.103

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.499, 263.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 14.278, 261.103 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(155, 176, 199)` looks like.

```
.text, #text, p{  
    color:rgb(155, 176, 199)  
}
```

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(155, 176, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 176, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 14.278, 261.103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

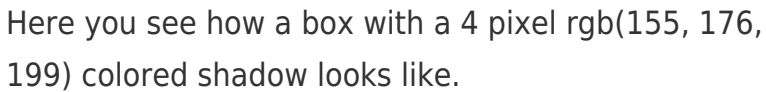
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 176, 199) }
```

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

```
.border{ border-color:rgb(155, 176, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 176, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 176, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 176, 199);  
box-shadow:4px 4px 4px 4px rgb(155, 176,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 14.278, 261.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 176, 199) }
```

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

```
.background{ background-color: rgb(155,  
176, 199) }
```

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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